

Account Information							
Facility Name: Idaho State University- Campus	Property Type: Educational			Location Code: YQCPBBX			
Service Address: 921 S 8TH AVENUE, POCATELL	O, ID, 83209	-0002					
Mailing Name: Tim Williams					Phone: 208.242.8192		
Mailing Address: 921 S 8TH AVENUE, POCATELL	O, ID, 83209	-0002		·			
		Assembly I	nformation				
Type: DCV	Assembly I Backflow (	Description: #3 Chemistry)					
Manufacturer: FEBCO	Model: 805YD		Serial Number: 95050106559		Size: 4"		
Check Valve #1							
Initial Test: ✔ Pass □ Fail	Held at (PSID): 3.6 Closed Tight						
Check Valve #2							
Initial Test: ✓ Pass □ Fail	Held at (PS 4.2	ID):	Closed Tight				
Tester Information							
Comments:							
The above is certified to be true at the time of testing					Service Restored:		
Company Name:Company Address:Rock Creek Fire ProtectionP.O. Box 637, American F			n Falls, ID, 83211				
Test Gauge: Midwest Industries 845-5 (01171444, Last: 1/16/2019, Next: 1/16/2020)							
Inspected By: Shane BroderickDate of Test: 1/9/2020Phone #: 208-479-2798			98				
Tester Signature:			Certification Number: 17734				

ROCK RCREEK

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 1/9/2020 Frequency: Annual

Location Code: YQCPBBX

Contact: Tim Williams

Contact Address: 921 S 8TH AVENUE POCATELLO, ID 83209-0002

**Phone:** 208.242.8192

Email: willlar2@isu.edu

Property Evaluated:Idaho State University- Campus(Educational)921 S 8TH AVENUEPOCATELLO, ID 83209-0002

Description: Wet (#3 Chemistry)

# **Attached Files**

The are no attachments for this submission

# **Deficiency Summary**

 Status: Open

 Severity: Impairment

 II.A.4.g

 g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)?

 (If "No", conduct internal inspection)

 Has not been conducted

# **General Comments**

There are no general comments for this submission



This form covers the minimum requirements of **NFPA 25-2011** for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered *Yes, No, or Not Applicable.* All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	1/9/2020
All responses refer to the current work (inspec maintenance) performed on this date. Owner:	tion, testing and
Tim Williams	
Owner's Phone Number: 208.242.8192	
Owner's Address: 921 S 8TH AVENUE, POCATELLO, ID, 832	09-0002
Property Being Evaluated: Idaho State University- Campus (Educational) Property Address:	
921 S 8TH AVENUE POCATELLO ID 832	09-0002
System(s): Wet (#3 Chemistry)	0) 0002
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes □ No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
E. Was the system free of actuation of devices or alarms since the last inspection?	✓ Yes □ No
Owner or Representative	Ian Pitcher
Signature	
Date	1/9/2020
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a Control valves (including backflow	

a. Control valves (including backflow preventer isolation valves) supervised with seals passed inspection in accordance with	Yes No N/A
b. Relief port on RPZ not continuously discharging?	Yes No N/A

#### 2. Monthly Inspection Items (in addition to above items)

a. Control valves and valves on backflow prevent electrical supervision:	ers with locks or
1. In correct (open or closed) position?	✓ Yes 🗌 No 🗌 N/A
2. Lock or supervision in place?	✓ Yes No N/A
3. Accessible and free from external leaks?	✓ Yes No N/A
4 Provided with appropriate wrenches?	✓ Yes No N/A
5 Provided with appropriate identification?	Ves No N/A
b Gauges on system in good condition and	
showing normal water supply pressure?	✓ Yes No N/A
c. Alarm valve free from physical damage,	
trim in correct (open or closed) position and	✓ Yes 🗌 No 🗌 N/A
no leakage from retarding chamber or drains?	•
3. Quarterly Inspection Items (in addition to al	bove items)
a. Fire department connections visible,	
accessible, couplings and swivels not	
condition plugs and caps are okay	
identification sign(s) in place, check value is	
not leaking, clapper in place and operating	$\checkmark$ Yes $\square$ No $\square$ N/A
properly and automatic drain valve in place	
and operating properly?	
(If plugs or caps are not in place, inspect	
h Hadrania namenlata (aslanlatad sustana)	
b. Hydraulic nameplate (calculated systems) securely attached to riser and legible?	✓ Yes 🗌 No 🗌 N/A
c. Alarm & supervisory devices not	
damaged?	✓ Yes □ No □ N/A
d. Pressure reducing valves in open position.	
not leaking, with downstream pressure per	
design criteria, and in good condition with	
handwheels not broken?	
4. Annual Inspection Items (in addition to above	ve items)
a. Proper number and type of spare	✓ Yes No N/A
sprinklers?	
b. Visible sprinklers:	
1. Proper position: upright, pendent,	✓ Yes 🗌 No 🗌 N/A
Sidewall?	
2. Free of leaks, corrosion and damage?	V I ES NO N/A
5. Proper clearance below sprinklers?	V I ES NO N/A
4. Free of foreign materials including paint?	VIES NO N/A
5. Liquid in all glass buib sprinklers?	Y es _ No _ N/A
c. visible pipe:	
1. In good condition/no external corrosion?	✓ Yes No N/A
2. No mechanical damage or leaks?	✓ Yes No N/A
3. No external loads?	✓ Yes □ No □ N/A
d. Visible pipe hangers and seismic braces	✓ Yes 🗌 No 🗌 N/A
not damaged or loose?	
e. Sprinkler wrench with spare sprinklers?	Yes No N/A
f. Information sign is attached and legible?	$\checkmark$ Yes $\square$ No $\square$ N/A
g. Internal inspection of the pipe performed	
connection and one sprinkler near the end of	Yes V No N/A
a branch line)?	
(If "No", conduct internal inspection)	
	• •. ·

**5. Fifth Year Inspection Items (in addition to above items)** Not applicable



#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow ✓ Yes No N/A observed)? b. Main drain test for system downstream of backflow device or

pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

<ol> <li>Was flow observed?</li> <li>Are results comparable to previous tests?</li> <li>Semiannual Tests (in addition to previous iter</li> </ol>	✓ Yes No N/A ✓ Yes No N/A ms)
a. Valve supervisory switches indicate movement?	✓ Yes □ No □ N/A
b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?	✓ Yes No N/A

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual		Comments
#1	110	98		
2. Was flow obser	6	✓	Yes No N/A	
3. Are results con	parable to previo	us tests?	$\checkmark$	Yes 🗌 No 🗌 N/A
b. Post indicating valves opened until spring or torsion felt in the rod then closed back <sup>1</sup> / <sub>4</sub> turn?				Yes 🗆 No 🗹 N/A
c. Are all sprinkle	ers dated 1920 or l	ater?	$\checkmark$	Yes 🗌 No 🗌 N/A
d. Sprinklers with fast response elements 20 years old or more replaced or successfully sample tested in last 10 years?				Yes 🗆 No 🗹 N/A
e. Standard response or more replaced tested in last 10 y	nse sprinklers 50 y or successfully sat ears?	vears old mple		Yes 🗌 No 🗹 N/A
f. Standard response sprinklers 75 years old or more replaced or successfully sample tested in last 5 years?				Yes 🗌 No 🗹 N/A
g. Dry-type sprinklers replaced or successfully sample tested in last 10 years?				Yes 🗌 No 🗹 N/A
h. Sprinklers subject to harsh environments replaced or successfully sample tested in last 5 years?				Yes 🗌 No 🗹 N/A
i. Antifreeze solut	tion specific gravi	ty:		
1. Correct at most	t remote point?	[		Yes 🗌 No 🗹 N/A
2. Correct at inter	face with wet syst	em?		Yes 🗌 No 🗹 N/A
3. Correct at other	r test points (over	150 gal)?		Yes No ✔ N/A
4. Correct type of antifreeze?				Yes ─ No ✔ N/A
j. All control valves operated through full range and returned to normal position?			✓	Yes No N/A
k. Backflow device test?	ces passed forward	l flow	✓	Yes No N/A
1. Pressure reducing flow?	ng valves passed p	partial		Yes 🗌 No 🗹 N/A

4. Tests for every fifth year (in addition to appropriate items) Not applicable

# C. Maintenance

1. Regular Maintenance Items				
a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample replaced?	Yes No N/A			
b. If sprinklers have been replaced, were they proper replacements?	Yes No 🗸 N/A			
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A			
d. Heat tape inspected per manufacturer's instructions?	Yes No N/A			
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	✓ Yes □ No □ N/A			
1. Defective intake screen on pump supplied from	n open sources			
2. Obstructive material discharged during flow te	ests			
3. Foreign material in dry-pipe valves, check val	ves or pumps			
4. Foreign material in water during drain test or p test connection	plugging of inspector's			
5. Plugging of pipe or sprinklers found during ac	tivation or work			
6 Record of broken mains in the vicinity				
7 Abnormally frequent false-tripping of dry-ping	e valves			
8 Failure to flush yard piping or surrounding ma	ins following new			
installation or repairs	inis fono wing new			
9. System is returned to service after an extended service (more than one year)	l period of time out of			
10. There is reason to believe the system contains sodium silicate or its derivatives or highly corrosive fluxes in copper pipe				
11. Raw water was pumped into the fire department connection				
12. Pinnole leaks				
f. If conditions were found that required flushing, was flushing of the system conducted?	Yes No N/A			
g. Was a drain test conducted after opening any closed valves?	Yes No N/A			
h. Adjusted, repaired, reconditioned or				
replaced components had the associated tests and/or inspections performed?	Yes No ✔ N/A			
2. Annual Maintenance Items (in addition to p	orevious items)			
a. Operating stem of all OS&Y valves lubricated, completely closed, and reopened?	✓ Yes □ No □ N/A			
b. Sprinklers and spray nozzles protecting commercial cooking equipment and				
ventilating systems replaced except for bulb- type which show no signs of grease build up?				
Part III - Comments				
Any "No" answers, test failures or other problems found with the sprinkler system must be explained using the comment specific for each question. Additional comments can be added here.				
Please see the summary section at the top of the comments	form for the			
Part IV - Inspector's Information				

Inspected By

Shane Broderick

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted in the Comments.

Signature of Inspector

1/9/2020

Date



		Account I	nformation			
Facility Name: Idaho State University- Campus	Property Type: Educational			Location C YQCPBBX	ode:	
Service Address: 921 S 8TH AVENUE, POCATELLO	O, ID, 83209	-0002				
Mailing Name: Tim Williams		Phone: 208.242.8192				
Mailing Address: 921 S 8TH AVENUE, POCATELLO	O, ID, 83209	-0002				
		Assembly I	Information			
Type: DCV	Assembly I Backflow (	Description: #4 liberal Arts)	,			
Manufacturer: AMES	Model: Colt 200		Serial Number: RB-2736		Size: 2 1/2"	
Check Valve #1						
Initial Test: ✔ Pass □ Fail	Held at (PSID): 3.4		Closed Tight			
		Check V	Valve #2			
Initial Test: ✔ Pass □ Fail	Held at (PSID): 4.2		Closed Tight			
		Tester In	formation			
Comments:						
The above is certified to be true at	testing		Service Restored: ✓ Yes □ No			
Company Name:Company Address:Rock Creek Fire ProtectionP.O. Box 637, American			n Falls, ID, 83211			
Test Gauge: Midwest Industries 845-5 (01171444, Last: 1/16/2019, Next: 1/16/2020)						
Inspected By: Shane BroderickDate of Test: 8/1/2019Phone #: 208-479-2798			98			
Tester Signature:			Certification Number: 17734			



Location Code: YQCPBBX

Contact: Tim Williams

Contact Address: 921 S 8TH AVENUE POCATELLO, ID 83209-0002

**Phone:** 208.242.8192

Email: willlar2@isu.edu

Property Evaluated: Idaho State University- Campus (Educational) 921 S 8TH AVENUE POCATELLO, ID 83209-0002

Description: Wet (#4 liberal Arts)

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 8/1/2019 Frequency: Annual

# **Attached Files**

FE5AE9B1-9B01-4486-BB31-224DF0FE016A.jpeg3.4MBAD5037CD-D0AA-4566-9F5D-56745AE4BBC6.jpeg3.5MBFEF7041C-5719-41D5-BEF5-080B947658E3.jpeg4.4MB

# **Deficiency Summary**

Status: Open
Severity: Impairment
II.A.3.b
b. Hydraulic nameplate (calculated systems) securely attached to riser and legible?
Not available

Status: Open Severity: Impairment II.A.4.f f. Information sign is attached and legible? Not available

# **General Comments**

There are no general comments for this submission



This form covers the minimum requirements of NFPA 25-2011 for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered Yes, No, or Not Applicable. All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	8/1/2019
All responses refer to the current work (inspec maintenance) performed on this date. Owner:	tion, testing and
Tim Williams	
Owner's Phone Number: 208.242.8192	
Owner's Address: 921 S 8TH AVENUE, POCATELLO, ID, 832	09-0002
Idaho State University- Campus (Educational) Property Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	.09-0002
System(s): Wet (#4 liberal Arts)	
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes □ No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
E. Was the system free of actuation of devices or alarms since the last inspection?	✓ Yes □ No
Owner or Representative	Ian Pitcher
Signature	
Date	8/1/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow	

# preventer isolation valves) supervised with ✓ Yes No N/A seals passed inspection in accordance with

II.A.2.a below? b. Relief port on RPZ not continuously discharging?

#### 2. Monthly Inspection Items (in addition to above items)

a. Control valves and valves on backflow prevent	ers with locks or
electrical supervision:	
1. In correct (open or closed) position?	✓ Yes No N/A
2. Lock or supervision in place?	✓ Yes No N/A
3. Accessible and free from external leaks?	✓ Yes No N/A
4. Provided with appropriate wrenches?	✓ Yes □ No □ N/A
5. Provided with appropriate identification?	✓ Yes □ No □ N/A
b. Gauges on system in good condition and showing normal water supply pressure?	✓ Yes 🗌 No 🗌 N/A
c. Alarm valve free from physical damage,	
trim in correct (open or closed) position and	✓ Yes 🗌 No 🗌 N/A
no leakage from retarding chamber or drains?	•
3. Quarterly Inspection Items (in addition to al	bove items)
a. Fire department connections visible,	
accessible, couplings and swivels not	
condition plugs and caps are okay	
identification sign(s) in place, check valve is	
not leaking, clapper in place and operating	▼ res no n/A
properly and automatic drain valve in place	
and operating properly?	
(1) plugs or caps are not in place, inspect interior for obstructions)	
h Hydraulic namenlate (calculated systems)	
securely attached to riser and legible?	_ Yes ✓ No _ N/A
c. Alarm & supervisory devices not	
damaged?	$\checkmark$ Yes $\square$ No $\square$ N/A
d. Pressure reducing valves in open position,	
not leaking, with downstream pressure per	Yes No 🗸 N/A
design criteria, and in good condition with	
nandwheels not broken?	(a itama)
4. Annual inspection items (in addition to abov	ve items)
a. Proper number and type of spare	✓ Yes 🗌 No 🗌 N/A
b Visible sprinklers:	
1. Proper position: upright pendent	
sidewall?	✓ Yes 🗌 No 🗌 N/A
2. Free of leaks, corrosion and damage?	✓ Yes No N/A
3. Proper clearance below sprinklers?	✓ Yes No N/A
4. Free of foreign materials including paint?	✓ Yes No N/A
5 Liquid in all glass bulb sprinklers?	✓ Yes No N/A
c. Visible nine:	
1 In good condition/no external corrosion?	Ves No N/A
2 No mechanical damage or leaks?	$\checkmark$ Yes No N/A
3 No external loads?	$\checkmark$ Yes No N/A
d. Visible nine hangers and seismic braces	
not damaged or loose?	✓ Yes No N/A
e. Sprinkler wrench with spare sprinklers?	✓ Yes 🗌 No 🗌 N/A
f. Information sign is attached and legible?	☐ Yes ✔ No ☐ N/A
g. Internal inspection of the pipe performed	
in the last 5 years (remove a flushing	
connection and one sprinkler near the end of	✓ Yes 🗌 No 🗌 N/A
a branch line)? (If "No" conduct internal inspection)	
(1) INO, conduct internal inspection)	• •· ·

5. Fifth Year Inspection Items (in addition to above items) Not applicable

Yes No ✓ N/A



Yes No ✓ N/A

# **B.** Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow Yes No V/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

2 Was flow observed?					
2. Was now observed?					
3. Are results comparable to previous tests?	Yes No ✔ N/A				
2. Semiannual Tests (in addition to previous items)					
a. Valve supervisory switches indicate	☐ Yes ☐ No 🗹 N/A				

movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual		Comments
#1	110	0		Can not do a full flow drain is not piped to a good location
2. Was flow obser	rved?		$\checkmark$	Yes No N/A
3. Are results con	nparable to previou	us tests?	$\checkmark$	Yes No N/A
b. Post indicating or torsion felt in t turn?	valves opened un he rod then closed	til spring back ¼		Yes □ No ☑ N/A
c. Are all sprinkle	ers dated 1920 or la	ater?	$\checkmark$	Yes No N/A
d. Sprinklers with years old or more sample tested in la	a fast response eler replaced or succe ast 10 years?	nents 20 ssfully		Yes 🗌 No 🗹 N/A
e. Standard respon or more replaced tested in last 10 y	nse sprinklers 50 y or successfully sar ears?	vears old mple	$\checkmark$	Yes 🗌 No 🗌 N/A
f. Standard response sprinklers 75 years old or more replaced or successfully sample tested in last 5 years?				Yes 🗌 No 🗹 N/A
g. Dry-type sprinklers replaced or successfully sample tested in last 10 years?				Yes □ No ✔ N/A
h. Sprinklers subject to harsh environments replaced or successfully sample tested in last 5 years?				Yes □ No ✔ N/A
i. Antifreeze solut	tion specific gravit	ty:		
1. Correct at most	t remote point?			Yes 🗌 No 🗹 N/A
2. Correct at inter	face with wet syst	em?		Yes 🗌 No 🗹 N/A
3. Correct at other test points (over 150 gal)?				Yes 🗌 No 🗹 N/A
4. Correct type of antifreeze?				Yes 🗌 No 🗹 N/A
j. All control valves operated through full range and returned to normal position?			✓	Yes No N/A
k. Backflow device test?	ces passed forward	l flow	✓	Yes No N/A
1. Pressure reducin flow?	ng valves passed p	partial		Yes 🗌 No 🗹 N/A

**4. Tests for every fifth year (in addition to appropriate items)** Not applicable

#### C. Maintenance

#### 1. Regular Maintenance Items

a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that cample	Yes No 🗸 N/A
replaced?	
b. If sprinklers have been replaced, were they proper replacements?	Yes No 🗸 N/A
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A
d. Heat tape inspected per manufacturer's instructions?	Yes No N/A
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	✓ Yes □ No □ N/A
1. Defective intake screen on pump supplied fr	rom open sources
2. Obstructive material discharged during flow	v tests
4 Foreign material in water during drain test of	or plugging of inspector's
test connection	si plugging of inspector s
5. Plugging of pipe or sprinklers found during	activation or work
6. Record of broken mains in the vicinity	
7. Abnormally frequent false-tripping of dry-p	ipe valves
installation or repairs	mains following new
<ul><li>9. System is returned to service after an extend service (more than one year)</li></ul>	led period of time out of
10. There is reason to believe the system conta derivatives or highly corrosive fluxes in coppe	ains sodium silicate or its er pipe
<ol> <li>Raw water was pumped into the fire depar</li> <li>Pinhole leaks</li> </ol>	tment connection
f. If conditions were found that required flushing, was flushing of the system conducted?	Yes No N/A
g. Was a drain test conducted after opening any closed valves?	Yes No N/A
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No N/A
2. Annual Maintenance Items (in addition to	o previous items)
a. Operating stem of an OS& F varies lubricated, completely closed, and reopened? b. Sprinklers and spray nozzles protecting	☐ Yes ☐ No ☑ N/A
commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up? <b>Part III - Comments</b>	Yes No N/A
Any "No" answers, test failures or other probles sprinkler system must be explained using the constraints can be an	ems found with the comment specific for Ided here
Please see the summary section at the top of th	ne form for the
comments.	
Part IV - Inspector's Information	<b>a</b>
Inspected By	Shane Broderick
I state that the information on this form is corr of my inspection, and that all equipment testec operating condition upon completion of this in in the <i>Comments</i> .	at this time was left in aspection except as noted
Signature of Inspector	A As
Date	8/1/2019















		Account In	nformation			
Facility Name: Idaho State University- Campus	Property Type: Educational			Location Code: YQCPBBX		
Service Address: 921 S 8TH AVENUE, POCATELL	O, ID, 83209	-0002				
Mailing Name: Tim Williams				Phone: 208.242.8192		
Mailing Address: 921 S 8TH AVENUE, POCATELL	O, ID, 83209	-0002				
		Assembly I	Information			
Type: DCV	Assembly I Backflow (	Description: #5 Collage of Business)	-			
Manufacturer: AMES	Model: Colt 200	Model: Serial Number: Colt 200 MB-1183			Size: 4"	
Check Valve #1						
Initial Test: ✔ Pass □ Fail	Held at (PSID): 5.4		Closed Tight			
		Check '	Valve #2			
Initial Test: ✔ Pass □ Fail	Held at (PSID): 4.6		Closed Tight			
		Tester In	formation			
Comments:						
The above is certified to be true at the time of testingService Restored:Image: Service Restore			Service Restored:			
Company Name: Rock Creek Fire Protection	Company Address: P.O. Box 637, American Falls, ID, 83211					
Test Gauge: Midwest Industries 845-5 (01171444, Last: 1/16/2019, Next: 1/16/2020)						
Inspected By: Shane Broderick	Date of Test:         Phone #:           8/1/2019         208-479-2798			98		
Tester Signature:			Certification Number: 17734			

ROCK RCREEK

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 8/1/2019 Frequency: Annual

Location Code: YQCPBBX

Contact: Tim Williams Contact Address: 921 S 8TH AVENUE POCATELLO, ID 83209-0002

**Phone:** 208.242.8192

Email: willlar2@isu.edu

Property Evaluated:Idaho State University- Campus<br/>(Educational)921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002

Description: Wet (#5 Collage of Business)

# **Attached Files**

D5F4D338-7DD6-4126-A499-E0562B017E88.jpeg1.1MB6B7D380A-279B-4C1F-9AFF-1B9225872B5B.jpeg2.6MBA516C0D2-9377-4838-8B4F-737D12D5FDA1.jpeg2.6MB

# **Deficiency Summary**

Status: Open

Severity: Impairment II.A.2.a.4 a. Control valves and valves on backflow preventers with locks or electrical supervision: 4. Provided with appropriate wrenches? Missing head wrench

#### Status: Open

Severity: ImpairmentII.A.2.a.5a. Control valves and valves on backflow preventers with locks or electrical supervision:5. Provided with appropriate identification?Missing all identification signs

#### Status: Open

Severity: ImpairmentII.A.2.bb. Gauges on system in good condition and showing normal water supply pressure?Older that 5 years need to be replaced

#### Status: Open

Severity: Impairment II.A.3.b b. Hydraulic nameplate (calculated systems) securely attached to riser and legible?

#### Not available

Status: Open Severity: Impairment II.A.4.g g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)? (If "No", conduct internal inspection) Has not been conducted

#### Status: Open

Severity: Impairment II.B.3.e e. Standard response sprinklers 50 years old or more replaced or successfully sample tested in last 10 years? Some sprinklers appear to be older than 50 years of age

#### **General Comments**

There are no general comments for this submission



This form covers the minimum requirements of **NFPA 25-2011** for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered *Yes, No, or Not Applicable.* All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	8/1/2019
All responses refer to the current work (inspec maintenance) performed on this date.	ction, testing and
Owner:	
Tim Williams	
Owner's Phone Number:	
208.242.8192	
Owner's Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
Property Being Evaluated:	
Idaho State University- Campus (Educational)	1
Property Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
System(s):	
Wet (#5 Collage of Business)	
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	🗹 Yes 🗌 No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
E. Was the system free of actuation of devices or alarms since the last inspection?	Ves No
Owner or Representative	Ian Pitcher
Signature	
Date	8/1/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow preventer isolation valves) supervised with seals passed inspection in accordance with II.A.2.a below?	✓ Yes □ No □ N/A

b. Relief port on RPZ not continuously discharging?

#### 2. Monthly Inspection Items (in addition to above items)

a. Control valves and valves on backflow prevent	ers with locks or
electrical supervision:	
1. In correct (open or closed) position?	✓ Yes □ No □ N/A
2. Lock or supervision in place?	✓ Yes □ No □ N/A
3. Accessible and free from external leaks?	✓ Yes 🗌 No 🗌 N/A
4. Provided with appropriate wrenches?	☐ Yes ✔ No ☐ N/A
5. Provided with appropriate identification?	☐ Yes ✔ No ☐ N/A
b. Gauges on system in good condition and	Ves 🗸 No 🗌 N/A
showing normal water supply pressure?	
c. Alarm valve free from physical damage,	
trim in correct (open or closed) position and	$\checkmark$ Yes $\square$ No $\square$ N/A
a Operatory Inspection Items (in addition to all	novo itoms)
5. Qual terry inspection items (in addition to at	Jove items)
a. Fire department connections visible,	
damaged, gaskets in place and in good	
condition, plugs and caps are okay,	
identification sign(s) in place, check valve is	✓ Yes No N/A
not leaking, clapper in place and operating	. 105
properly and automatic drain valve in place	
(If plugs or caps are not in place inspect	
<i>interior for obstructions</i> )	
b. Hydraulic nameplate (calculated systems)	
securely attached to riser and legible?	$\square$ Yes $\checkmark$ No $\square$ N/A
c. Alarm & supervisory devices not	
damaged?	
d. Pressure reducing valves in open position,	
not leaking, with downstream pressure per	Yes No 🗸 N/A
design criteria, and in good condition with handwheels not broken?	
<b>4</b> Annual Inspection Items (in addition to above	ve items)
a Proper number and type of spare	
sprinklers?	✓ Yes □ No □ N/A
b. Visible sprinklers:	
1. Proper position: upright, pendent.	
sidewall?	$\checkmark$ Yes $\square$ No $\square$ N/A
2. Free of leaks, corrosion and damage?	Yes No N/A
3. Proper clearance below sprinklers?	✓ Yes □ No □ N/A
4. Free of foreign materials including paint?	✓ Yes No N/A
5. Liquid in all glass bulb sprinklers?	✓ Yes 🗌 No 🗌 N/A
c. Visible pipe:	
1. In good condition/no external corrosion?	✓ Yes No N/A
2. No mechanical damage or leaks?	✓ Yes No N/A
3. No external loads?	✓ Yes No N/A
d. Visible pipe hangers and seismic braces	
not damaged or loose?	$\checkmark$ Yes $\square$ No $\square$ N/A
e. Sprinkler wrench with spare sprinklers?	Yes No 🖌 N/A
f. Information sign is attached and legible?	Yes No 🖌 N/A
g. Internal inspection of the pipe performed	
in the last 5 years (remove a flushing	
connection and one sprinkler near the end of	🗌 Yes 🖌 No 🗌 N/A
a branch line)?	
(1) INO, conduct internal inspection)	• • ·

**5. Fifth Year Inspection Items (in addition to above items)** Not applicable

Yes No ✓ N/A



Yes No ✓ N/A

#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow ✓ Yes No N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

2. Was flow observed?	III Yes III No ✔ N/A
3. Are results comparable to previous tests?	Yes No 🖌 N/A
2. Semiannual Tests (in addition to previous	items)
a. Valve supervisory switches indicate	Yes No ✓ N/A

movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual	Comments
#1	110	88	
2. Was flow obser	rved?	✓	Yes No N/A
3. Are results con	nparable to previou	us tests?	Yes No N/A
b. Post indicating or torsion felt in t turn?	til spring l back ¼	Yes No 🗹 N/A	
c. Are all sprinkle	ers dated 1920 or l	ater? ✓	Yes No N/A
d. Sprinklers with years old or more sample tested in L	nents 20 ssfully	Yes No N/A	
e. Standard response or more replaced tested in last 10 y	vears old mple	Yes 🗹 No 🗌 N/A	
f. Standard respon or more replaced tested in last 5 years	rears old mple	Yes No 🗹 N/A	
g. Dry-type sprinl successfully samp	) years?	Yes No 🗹 N/A	
h. Sprinklers subj replaced or succes 5 years?	onments ted in last	Yes No 🗹 N/A	
i. Antifreeze solut	tion specific gravit	ty:	
1. Correct at most	t remote point?		Yes No 🗹 N/A
2. Correct at inter	face with wet syst	em?	Yes No 🗹 N/A
3. Correct at other	150 gal)?	Yes No ✔ N/A	
4. Correct type of	antifreeze?		Yes No 🗹 N/A
j. All control valv range and returne	es operated throug d to normal position	gh full on? ✓	Yes No N/A
k. Backflow device test?	ces passed forward	d flow ✓	Yes No N/A
1. Pressure reducing flow?	ng valves passed p	partial	Yes No N/A

4. Tests for every fifth year (in addition to appropriate items) Not applicable

#### C. Maintenance

#### 1. Regular Maintenance Items

1. Regular Maintenance Reins	
a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample replaced?	Yes No N/A
b. If sprinklers have been replaced, were they proper replacements?	Yes No 🗸 N/A
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A
d. Heat tape inspected per manufacturer's instructions?	Yes No N/A
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	✓ Yes □ No □ N/A
1. Defective intake screen on pump supplied from	open sources
2. Obstructive material discharged during flow tes	sts
3. Foreign material in dry-pipe valves, check valv	es or pumps
4. Foreign material in water during drain test or pl	lugging of inspector's
5. Plugging of pipe or sprinklers found during act	ivation or work
6. Record of broken mains in the vicinity	
7. Abnormally frequent false-tripping of dry-pipe	valves
8. Failure to flush yard piping or surrounding mai installation or repairs	ns following new
9. System is returned to service after an extended service (more than one year)	period of time out of
10. There is reason to believe the system contains derivatives or highly corrosive fluxes in copper pi	sodium silicate or its pe
11. Raw water was pumped into the fire departme	nt connection
12. Pinhole leaks	
flushing, was flushing of the system conducted?	Yes No N/A
g. Was a drain test conducted after opening any closed valves?	✓ Yes □ No □ N/A
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No N/A
2. Annual Maintenance Items (in addition to pr	evious items)
a. Operating stem of all OS&Y valves lubricated, completely closed, and reopened?	Yes No N/A
b. Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up?	Yes No N/A
Part III - Comments	
Any "No" answers, test failures or other problems sprinkler system must be explained using the com- each question. Additional comments can be added	found with the ment specific for l here.
Please see the summary section at the top of the for comments.	orm for the
Part IV - Inspector's Information	01 5 1
Inspected By	Shane Broderick
I state that the information on this form is correct of my inspection, and that all equipment tested at operating condition upon completion of this inspe	at the time and place this time was left in ction except as noted
in the <i>Comments</i> .	
Signature of Inspector	14-A-X

Date

8/1/2019















		Account In	nformation			
Facility Name: Idaho State University- Campus	Property Type: Educational			Location Code: YQCPBBX		
Service Address: 921 S 8TH AVENUE, POCATELLO, ID, 83209-0002						
Mailing Name: Tim Williams				Phone: 208.242.8192		
Mailing Address: 921 S 8TH AVENUE, POCATELLO	O, ID, 83209	-0002				
		Assembly I	Information			
Type: DCV	Assembly I Backflow (	Description: #12 museum)	,			
Manufacturer: AMES	Model: Colt 200		Serial Number: QK-2780		Size: 4"	
Check Valve #1						
Initial Test: ✔ Pass □ Fail	Held at (PSID): 4.0		Closed Tight			
		Check V	Valve #2			
Initial Test: ✔ Pass □ Fail	Held at (PSID): 5.0		Closed Tight			
		Tester In	formation			
Comments:						
The above is certified to be true at the time of testing       Service Restored:         Image: Service Restored:       Image: Service Restored:         Image: Ser			Service Restored:			
Company Name: Rock Creek Fire Protection	Company Address: P.O. Box 637, American Falls, ID, 83211					
Test Gauge: Midwest Industries 845-5 (01171444, Last: 1/16/2019, Next: 1/16/2020)						
Inspected By: Shane Broderick	Date of Test:         Phone #:           7/30/2019         208-479-2798			98		
Tester Signature:			Certification Number: 17734			



		Account I	nformation			
Facility Name: Idaho State University- Campus	Property Type: Educational			Location Code: YQCPBBX		
Service Address: 921 S 8TH AVENUE, POCATELLO, ID, 83209-0002						
Mailing Name: Tim Williams			Phone: 208.242.8192			
Mailing Address: 921 S 8TH AVENUE, POCATELLO	O, ID, 83209	-0002				
		Assembly 1	Information			
Type: DCV	Assembly I Backflow (	Description: #48 RFC)				
Manufacturer: NOT LISTED	Model: Ser Deringer 20 F2-		Serial Number: F2418		Size: 4"	
Check Valve #1						
Initial Test: ✔ Pass □ Fail	Held at (PSID): 3.2		Closed Tight			
Check Valve #2						
Initial Test: ✔ Pass □ Fail	Held at (PSID): 3.6		Closed Tight		Leaked	
Tester Information						
Comments:						
The above is certified to be true at the time of testing       Service Restored:         Image: Service Restored:       Image: Service Restored:         Image: Ser				Service Restored:		
Company Name: Rock Creek Fire Protection	any Name: Company Address: Creek Fire Protection P.O. Box 637, American Falls, ID, 83211					
Test Gauge: Midwest Industries 845-5 (01171444, Last: 1/16/2019, Next: 1/16/2020)						
Inspected By: Shane Broderick	Date of Test:         Phone #:           8/13/2019         208-479-2798			98		
Tester Signature:			Certification Number: 17734			

ROCK RCREEK

Location Code: YQCPBBX

Contact: Tim Williams

Contact Address: 921 S 8TH AVENUE POCATELLO, ID 83209-0002

**Phone:** 208.242.8192

Email: willlar2@isu.edu

Property Evaluated: Idaho State University- Campus (Educational) 921 S 8TH AVENUE POCATELLO, ID 83209-0002

Description: Wet (#48 R.F.C.)

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 8/13/2019 Frequency: Annual

# **Attached Files**

B3EADF48-4ADD-4F87-A844-B5FEF8CC0415.jpeg 3.2MB 4C1FB79B-0C92-46F7-8557-84549C56E62F.jpeg 3.3MB

# **Deficiency Summary**

The are no reported deficiencies for this submission

# **General Comments**

There are no general comments for this submission



This form covers the minimum requirements of **NFPA 25-2011** for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered *Yes, No, or Not Applicable.* All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	8/13/2019
All responses refer to the current work (inspec maintenance) performed on this date.	ction, testing and
Owner:	
Tim Williams	
Owner's Phone Number:	
208.242.8192	
Owner's Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
Property Being Evaluated:	
Idaho State University- Campus (Educational)	)
Property Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
System(s):	
Wet (#48 R.F.C.)	
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes □ No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
E. Was the system free of actuation of devices or alarms since the last inspection?	🗹 Yes 🗌 No
Owner or Representative	Ian Pitcher
Signature	
Date	8/13/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow preventer isolation valves) supervised with seals passed inspection in accordance with	✓ Yes No N/A

II.A.2.a below?

discharging?

b. Relief port on RPZ not continuously

#### 2. Monthly Inspection Items (in addition to above items) a Control valves and valves on backflow preventers with locks or

electrical supervision.	15 WILL IOCKS OF
1 In correct (open or closed) position?	Ves No N/A
2. Lock or supervision in place?	
3. Accessible and free from external leaks?	$\checkmark$ Ves No N/A
4. Provided with appropriate wranches?	
5. Drawided with appropriate identification?	
b. Courses on system in good condition and	
showing normal water supply pressure?	✓ Yes No N/A
<ul> <li>c. Alarm valve free from physical damage, trim in correct (open or closed) position and no leakage from retarding chamber or drains?</li> <li>3. Quarterly Inspection Items (in addition to ab</li> </ul>	✓ Yes □ No □ N/A
a. Fire department connections visible, accessible, couplings and swivels not damaged, gaskets in place and in good condition, plugs and caps are okay, identification sign(s) in place, check valve is not leaking, clapper in place and operating properly and automatic drain valve in place and operating properly? ( <i>If plugs or caps are not in place, inspect</i> <i>interior for obstructions</i> )	✓ Yes No N/A
b. Hydraulic nameplate (calculated systems) securely attached to riser and legible?	✓ Yes □ No □ N/A
c. Alarm & supervisory devices not	✓ Yes No N/A
damaged?	
d. Pressure reducing valves in open position, not leaking, with downstream pressure per design criteria, and in good condition with handwheels not broken?	✓ Yes No N/A
4. Annual Inspection Items (in addition to abov	e items)
a. Proper number and type of spare sprinklers?	✓ Yes No N/A
b. Visible sprinklers:	
sidewall?	Yes No N/A
2. Free of leaks, corrosion and damage?	✓ Yes 🗌 No 🗌 N/A
3. Proper clearance below sprinklers?	✓ Yes 🗌 No 🗌 N/A
4. Free of foreign materials including paint?	✓ Yes 🗌 No 🗌 N/A
5. Liquid in all glass bulb sprinklers?	✓ Yes No N/A
c. Visible pipe:	
1. In good condition/no external corrosion?	✓ Yes 🗌 No 🗌 N/A
2. No mechanical damage or leaks?	✓ Yes 🗌 No 🗌 N/A
3. No external loads?	✓ Yes No N/A
d. Visible pipe hangers and seismic braces not damaged or loose?	✓ Yes No N/A
e. Sprinkler wrench with spare sprinklers?	✓ Yes No N/A
f. Information sign is attached and legible?	✓ Yes 🗌 No 🗌 N/A
g. Internal inspection of the pipe performed	
in the last 5 years (remove a flushing	
connection and one sprinkler near the end of a branch line)? ( <i>If</i> " <i>No</i> " conduct interact interaction)	✓ Yes No N/A
(1) INO, CONDUCT INTERNAL INSPECTION)	· · · · · · · · · · · · · · · · · · ·

**5. Fifth Year Inspection Items (in addition to above items)** Not applicable

Yes No ✓ N/A



#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow Yes No ✓ N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

<ol> <li>Was flow observed?</li> <li>Are results comparable to previous tests?</li> <li>Semiannual Tests (in addition to previous iter</li> </ol>	✓ Yes No N/A ✓ Yes No N/A ms)
a. Valve supervisory switches indicate movement?	✓ Yes □ No □ N/A
b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?	✓ Yes No N/A

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual	Comments
#1	98	86	
2. Was flow observed?			Yes No N/A
3. Are results comparable to previous tests?			Yes No N/A
b. Post indicating valves opened until spring or torsion felt in the rod then closed back <sup>1</sup> / <sub>4</sub> turn?			Yes No 🗹 N/A
c. Are all sprinkle	ers dated 1920 or l	ater? ✓	Yes No N/A
d. Sprinklers with fast response elements 20 years old or more replaced or successfully sample tested in last 10 years?			Yes No N/A
e. Standard respo or more replaced tested in last 10 y	nse sprinklers 50 y or successfully sar ears?	vears old mple	Yes No 🗹 N/A
f. Standard response sprinklers 75 years old or more replaced or successfully sample tested in last 5 years?		rears old mple	Yes No 🗸 N/A
g. Dry-type sprinklers replaced or successfully sample tested in last 10 years?		) years?	Yes No 🗹 N/A
h. Sprinklers subject to harsh environments replaced or successfully sample tested in last 5 years?		onments ted in last	Yes No 🗹 N/A
i. Antifreeze solu	tion specific gravi	ty:	
1. Correct at most	t remote point?		Yes No 🗹 N/A
2. Correct at interface with wet system?		em?	Yes No 🗹 N/A
3. Correct at other test points (over 150 gal)?		150 gal)?	Yes No 🗸 N/A
4. Correct type of antifreeze?			Yes No 🗹 N/A
j. All control valves operated through full range and returned to normal position?		gh full ▼ on?	Yes No N/A
k. Backflow device test?	ces passed forward	d flow ✓	Yes No N/A
l. Pressure reducit flow?	ng valves passed p	partial	Yes No N/A
4 5 4 6	e*e+1 /* 1	1.4.	• • • •

4. Tests for every fifth year (in addition to appropriate items) Not applicable

# C. Maintenance

1. Regular Maintenance Items	
a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample replaced?	Yes No N/A
b. If sprinklers have been replaced, were they proper replacements?	Yes No N/A
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A
d. Heat tape inspected per manufacturer's instructions?	Yes No N/A
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	Yes No N/A
1. Defective intake screen on pump supplied from	m open sources
2. Obstructive material discharged during flow to	ests
3. Foreign material in dry-pipe valves, check val	ves or pumps
4. Foreign material in water during drain test or test connection	plugging of inspector's
5. Plugging of pipe or sprinklers found during ac	tivation or work
6. Record of broken mains in the vicinity	
7. Abnormally frequent false-tripping of dry-pip	e valves
8. Failure to flush yard piping or surrounding mainstallation or repairs	ains following new
9. System is returned to service after an extended service (more than one year)	d period of time out of
10. There is reason to believe the system contain derivatives or highly corrosive fluxes in copper	s sodium silicate or its
11. Raw water was pumped into the fire department	ent connection
12. Pinhole leaks	
f. If conditions were found that required flushing, was flushing of the system conducted?	Yes No N/A
g. Was a drain test conducted after opening any closed valves?	Yes No N/A
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No 🗸 N/A
2. Annual Maintenance Items (in addition to p	orevious items)
a. Operating stem of all OS&Y valves lubricated, completely closed, and reopened?	Yes No N/A
b. Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up? <b>Part III - Comments</b>	Yes No 🗹 N/A
Any "No" answers test failures or other problem	is found with the
sprinkler system must be explained using the cor each question. Additional comments can be adde	nment specific for ed here.
Please see the summary section at the top of the comments.	form for the
Part IV - Inspector's Information	
Inspected By	Shane Broderick

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted in the Comments.

Signature of Inspector

Date

8/13/2019











Location Code: YQCPBBX

Contact: Tim Williams

Contact Address: 921 S 8TH AVENUE POCATELLO, ID 83209-0002

Phone: 208.242.8192

Email: willlar2@isu.edu

Property Evaluated: Idaho State University- Campus (Educational) 921 S 8TH AVENUE POCATELLO, ID 83209-0002

Description: Wet (#60 Holt Arena)

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 8/13/2019 Frequency: Annual

# **Attached Files**

image.jpg 3.6MB image.jpg 2.9MB EAA1E3BB-6DBC-4C4E-8A71-DC8570C654D8.jpeg 2.2MB 42CEE6CA-C622-40FE-82D0-34C81279A14B.jpeg 2.5MB 19D314E5-4C5A-42EC-9249-7D02543B4C21.jpeg 2.6MB CBA7A5F9-50C3-41C4-AC51-B44AD98074D8.jpeg 5.7MB

# **Deficiency Summary**

Status: Open
Severity: Impairment
II.A.4.g
g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)?
(If "No", conduct internal inspection)
Has not been conducted

# **General Comments**

There are no general comments for this submission



This form covers the minimum requirements of NFPA 25-2011 for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered Yes, No, or Not Applicable. All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed

impairment procedures of chapter 15 of N	TTA 25 are followed.
The work covered on this form is (select one):	Annual
Date of Work	8/13/2019
All responses refer to the current work (inspec maintenance) performed on this date	ction, testing and
Owner:	
Tim Williams	
Owner's Phone Number:	
208.242.8192	
Owner's Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
Property Being Evaluated:	
Idaho State University- Campus (Educational)	
Property Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
System(s):	
Wet (#60 Holt Arena)	
2 wet systems	
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents	
remained the same since the last inspection?	
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
F Was the system free of actuation of	
devices or alarms since the last inspection?	✓ Yes 🗌 No
Owner or Representative	Ian Pitcher
Signature	
Date	8/13/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow preventer isolation valves) supervised with seals passed inspection in accordance with II.A.2.a below?	✓ Yes □ No □ N/A
b. Relief port on RPZ not continuously	Yes No ✓ N/A

discharging?

#### 2. Monthly Inspection Items (in addition to above items)

<b>5 1</b>			
a. Control valves and valves on backflow prevente electrical supervision:	ers with locks or		
1. In correct (open or closed) position?	✓ Yes 🗌 No 🗌 N/A		
2. Lock or supervision in place?	✓ Yes □ No □ N/A		
3. Accessible and free from external leaks?	✓ Yes 🗌 No 🗌 N/A		
4. Provided with appropriate wrenches?	✓ Yes □ No □ N/A		
5. Provided with appropriate identification?	✓ Yes No N/A		
b. Gauges on system in good condition and			
showing normal water supply pressure?	✓ Yes No N/A		
c. Alarm valve free from physical damage,			
trim in correct (open or closed) position and	✓ Yes □ No □ N/A		
no leakage from retarding chamber or drains?	and itama)		
5. Quarterly inspection items (in addition to at	bove items)		
a. Fire department connections visible,			
damaged gaskets in place and in good			
condition plugs and caps are okay			
identification sign(s) in place, check valve is			
not leaking, clapper in place and operating	✓ Yes No N/A		
properly and automatic drain valve in place			
and operating properly?			
(If plugs or caps are not in place, inspect interior for obstructions)			
h Hudroulia nomenleta (calculated systems)			
securely attached to riser and legible?	✓ Yes □ No □ N/A		
c. Alarm & supervisory devices not			
damaged?			
d. Pressure reducing valves in open position,			
not leaking, with downstream pressure per	✓ Yes No N/A		
design criteria, and in good condition with			
A nousl Inspection Items (in addition to above	(a itama)		
4. Annual inspection items (in addition to abov	(e items)		
a. Proper number and type of spare sprinklers?	✓ Yes No N/A		
b. Visible sprinklers:			
1. Proper position: upright, pendent, sidewall?	✓ Yes No N/A		
2. Free of leaks, corrosion and damage?	✓ Yes No N/A		
3 Proper clearance below sprinklers?	✓ Yes No N/A		
4 Free of foreign materials including paint?	Ves No N/A		
5 Liquid in all glass hulb sprinklers?	$\checkmark$ Ves No N/A		
J. Elquid in an glass build sprinklers:			
1. In good condition/no external correction?			
2. No mashaniaal damaga an lasha?			
2. No mechanical damage of leaks?	V Yes NO N/A		
3. No external loads?	✓ Yes No N/A		
d. Visible pipe hangers and seismic braces not damaged or loose?	✓ Yes No N/A		
e. Sprinkler wrench with spare sprinklers?	✓ Yes □ No □ N/A		
f. Information sign is attached and legible?	✓ Yes 🗆 No 🗆 N/A		
g. Internal inspection of the pipe performed			
in the last 5 years (remove a flushing			
connection and one sprinkler near the end of	□ Yes 🖌 No □ N/A		
a branch line)?			
(IJ INO', CONDUCT INTERNAL INSPECTION)	h		
<b>5.</b> FILL YEAR INSPECTION ITEMS (IN ADDITION TO A	DOVE HEIDS)		

Not applicable



Yes No 🖌 N/A

#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow ✓ Yes No N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

2. Was flow observed?	🗌 Yes 🗌 No 🗹 N/A
3. Are results comparable to previous tests?	Yes No ✔ N/A
2. Semiannual Tests (in addition to previous	items)
a. Valve supervisory switches indicate	Yes No ✓ N/A

a. Valve supervisory switches indicate movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual	Comments
#1	110	100	
#2	0	0	Could not preform drain piping needs replaced
2. Was flow observed?			Yes No N/A
3. Are results com	parable to previou	us tests?	Yes No N/A
b. Post indicating or torsion felt in the turn?	valves opened un he rod then closed	til spring back ¼ ▼	Yes No N/A
c. Are all sprinkle	rs dated 1920 or l	ater?	Yes No N/A
d. Sprinklers with years old or more sample tested in la	fast response eler replaced or succe ast 10 years?	nents 20 ssfully	Yes No N/A
e. Standard response sprinklers 50 years old or more replaced or successfully sample tested in last 10 years?		vears old mple	Yes No N/A
f. Standard response sprinklers 75 years old or more replaced or successfully sample tested in last 5 years?		rears old mple	Yes No 🗹 N/A
g. Dry-type sprinklers replaced or successfully sample tested in last 10 years?		) years?	Yes No 🗸 N/A
h. Sprinklers subject to harsh environments replaced or successfully sample tested in last 5 years?		onments red in last	Yes No N/A
. Antifreeze solution specific gravity:			
1. Correct at most	remote point?		Yes No 🗸 N/A
2. Correct at interface with wet system?		em?	Yes No ✓ N/A
3. Correct at other test points (over 150 gal)?		150 gal)?	Yes No ✓ N/A
4. Correct type of antifreeze?			Yes No ✔ N/A
j. All control valves operated through full range and returned to normal position?		sh full on? ▼	Yes No N/A
k. Backflow devic test?	es passed forward	l flow	Yes No N/A
<ol> <li>Pressure reducing valves passed partial flow?</li> </ol>		partial	Yes No 🖌 N/A

4. Tests for every fifth year (in addition to appropriate items) Not applicable

# C. Maintenance

#### 1. Regular Maintenance Items

a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample	Yes No 🗸 N/A		
replaced?			
proper replacements?	✓ Yes □ No □ N/A		
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No V/A		
d. Heat tape inspected per manufacturer's instructions?	Yes No 🗹 N/A		
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	Yes No N/A		
<ol> <li>Defective intake screen on pump supplied f</li> <li>Obstructive material discharged during flow</li> <li>Foreign material in dry-pipe valves, check v</li> <li>Foreign material in water during drain test of test connection</li> </ol>	rom open sources y tests yalves or pumps or plugging of inspector's		
5. Plugging of pipe or sprinklers found during	activation or work		
<ul> <li>b. Record of broken mains in the vicinity</li> <li>7 Abnormally frequent false tripping of dry p</li> </ul>	ina valvas		
8. Failure to flush yard piping or surrounding installation or repairs	mains following new		
9. System is returned to service after an extended period of time out of service (more than one year)			
10. There is reason to believe the system contains sodium silicate or its derivatives or highly corrosive fluxes in copper pipe			
11. Raw water was pumped into the fire department connection			
f. If conditions were found that required flushing, was flushing of the system conducted?	Yes No N/A		
g. Was a drain test conducted after opening any closed valves?	✓ Yes □ No □ N/A		
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No ✓ N/A		
2. Annual Maintenance items (in autition to a Operating stem of all $OS\&V$ values			
lubricated, completely closed, and reopened?	Yes No ✓ N/A		
commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up? <b>Part III - Comments</b>	Yes No 🗹 N/A		
Any "No" answers, test failures or other problems found with the sprinkler system must be explained using the comment specific for each question. Additional comments can be added here.			
Please see the summary section at the top of the form for the comments.			
Part IV - Inspector's Information			
Inspected By	Shane Broderick		
I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted in the <i>Comments</i> .			
Signature of Inspector	A		
Date	8/13/2019		













![](_page_32_Picture_0.jpeg)

![](_page_32_Picture_2.jpeg)

![](_page_33_Picture_0.jpeg)

![](_page_33_Picture_2.jpeg)

![](_page_34_Picture_0.jpeg)

![](_page_34_Picture_2.jpeg)

ROCK RCREEK

Location Code: YQCPBBX

Contact: Tim Williams

Contact Address: 921 S 8TH AVENUE POCATELLO, ID 83209-0002

**Phone:** 208.242.8192

Email: willlar2@isu.edu

Property Evaluated: Idaho State University- Campus (Educational) 921 S 8TH AVENUE POCATELLO, ID 83209-0002

Description: Wet (#64 Turner Hall)

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 11/26/2019 Frequency: Annual

# **Attached Files**

The are no attachments for this submission

# **Deficiency Summary**

Status: Open

Severity: Impairment II.B.3.e e. Standard response sprinklers 50 years old or more replaced or successfully sample tested in last 10 years? Appear to be over 50 years of age

#### Status: Open

Severity: Impairment II.B.3.k k. Backflow devices passed forward flow test? Incorrect back flow should be an RP

# **General Comments**

There are no general comments for this submission

![](_page_36_Picture_0.jpeg)

This form covers the minimum requirements of **NFPA 25-2011** for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered *Yes, No, or Not Applicable.* All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	11/26/2019
All responses refer to the current work (inspec maintenance) performed on this date. Owner:	ction, testing and
Tim Williams	
Owner's Phone Number: 208.242.8192	
Owner's Address: 921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
Property Being Evaluated: <u>Idaho State University- Campus (Educational</u> Property Address: 921 S 8TH AVENUE, POCATELLO, ID, 83'	)
System(s): Wet (#64 Turner Hall)	207 0002
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes □ No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes 🗌 No
E. Was the system free of actuation of devices or alarms since the last inspection?	✓ Yes □ No
Owner or Representative	Tim Williams
Signature	
Date	11/26/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow	

#### seals passed inspection in accordance with II.A.2.a below? b. Relief port on RPZ not continuously discharging?

preventer isolation valves) supervised with

#### 2. Monthly Inspection Items (in addition to above items)

a. Control valves and valves on backflow preventers with locks or electrical supervision:			
1. In correct (open or closed) position?	✓ Yes No N/A		
2. Lock or supervision in place?	✓ Yes □ No □ N/A		
3. Accessible and free from external leaks?	✓ Yes No N/A		
4 Provided with appropriate wrenches?	✓ Yes No N/A		
5 Provided with appropriate identification?	$\checkmark$ Yes No N/A		
b. Gauges on system in good condition and	103 100 10/1		
showing normal water supply pressure?	✓ Yes □ No □ N/A		
<ul> <li>c. Alarm valve free from physical damage, trim in correct (open or closed) position and no leakage from retarding chamber or drains?</li> <li>3. Quarterly Inspection Items (in addition to all states of the states of t</li></ul>	✓ Yes □ No □ N/A		
a. Fire department connections visible.	,		
accessible, couplings and swivels not damaged, gaskets in place and in good condition, plugs and caps are okay, identification sign(s) in place, check valve is not leaking, clapper in place and operating properly and automatic drain valve in place and operating properly?	✓ Yes No N/A		
(If plugs or caps are not in place, inspect interior for obstructions)			
b. Hydraulic nameplate (calculated systems) securely attached to riser and legible?	Yes No V/A		
c. Alarm & supervisory devices not damaged?	✓ Yes No N/A		
d. Pressure reducing valves in open position, not leaking, with downstream pressure per design criteria, and in good condition with handwheels not broken?	✓ Yes No N/A		
4. Annual Inspection Items (in addition to above	e items)		
a. Proper number and type of spare sprinklers?	Yes No N/A		
b. Visible sprinklers:			
1. Proper position: upright, pendent, sidewall?	Yes No N/A		
2. Free of leaks, corrosion and damage?	✓ Yes 🗌 No 🗌 N/A		
3. Proper clearance below sprinklers?	✓ Yes □ No □ N/A		
4. Free of foreign materials including paint?	✓ Yes No N/A		
5. Liquid in all glass bulb sprinklers?	✓ Yes No N/A		
c. Visible nine:			
1 In good condition/no external corrosion?	✓ Yes No N/A		
<ol> <li>M good condition no external corrosion.</li> <li>No mechanical damage or leaks?</li> </ol>	Ves No N/A		
2. No external loads?	$\checkmark$ Vec No N/A		
d. Visible pipe hangers and saismic braces			
not damaged or loose?	✓ Yes No N/A		
e. Sprinkler wrench with spare sprinklers?	✓ Yes No N/A		
t. Information sign is attached and legible?	✓ Yes □ No □ N/A		
g. Internal inspection of the pipe performed			
in the last 5 years (remove a flushing			
a branch line)? (If "No", conduct internal inspection)	• ICS NO N/A		
<b>5</b> Fifth Van Lunnation Lang (in a 194) 41	• • • • • • • • • • • • • • • • • • • •		

**5. Fifth Year Inspection Items (in addition to above items)** Not applicable

✓ Yes No N/A

Yes No ✓ N/A

![](_page_37_Picture_0.jpeg)

Yes No ✓ N/A

#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow Yes No ✓ N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

2 Was flow abcomind?		
2. was now observed?	$\square$ I es $\square$ NO $\checkmark$ N/A	
3. Are results comparable to previous tests?	I Yes I No ✓ N/A	
2. Semiannual Tests (in addition to previous items)		
a. Valve supervisory switches indicate	Yes No ✓ N/A	

movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual	Comments
#1	120	75	
2. Was flow observed?			Yes No N/A
3. Are results con	nparable to previou	us tests?	Yes No N/A
b. Post indicating valves opened until spring or torsion felt in the rod then closed back <sup>1</sup> / <sub>4</sub> turn?			Yes No 🗹 N/A
c. Are all sprinkle	ers dated 1920 or l	ater?	Yes No ✔ N/A
d. Sprinklers with fast response elements 20 years old or more replaced or successfully sample tested in last 10 years?			Yes No N/A
e. Standard respon or more replaced tested in last 10 y	nse sprinklers 50 y or successfully sar ears?	vears old mple	Yes 🗹 No 🗌 N/A
f. Standard response sprinklers 75 years old or more replaced or successfully sample tested in last 5 years?			Yes No 🗸 N/A
g. Dry-type sprinklers replaced or successfully sample tested in last 10 years?			Yes No N/A
h. Sprinklers subject to harsh environments replaced or successfully sample tested in last 5 years?		onments red in last	Yes No N/A
i. Antifreeze solut	tion specific gravit	ty:	
1. Correct at most	t remote point?		Yes No 🗹 N/A
2. Correct at inter	face with wet syst	em?	Yes No N/A
3. Correct at other test points (over 150 gal)?		150 gal)?	Yes No ✓ N/A
4. Correct type of	antifreeze?		Yes No N/A
j. All control valv range and returne	es operated throug d to normal position	gh full non?	Yes No N/A
k. Backflow device test?	ces passed forward	l flow	Yes 🖌 No 🗌 N/A
1. Pressure reducing flow?	ng valves passed p	partial	Yes No 🗹 N/A
4 T	eeea /* 1	3*4*	• • • • • • • • • • • • • • • • • • • •

4. Tests for every fifth year (in addition to appropriate items) Not applicable

# C. Maintenance

1. Regular Maintenance Items		
a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample replaced?	Yes No 🗹 N/A	
b. If sprinklers have been replaced, were they proper replacements?	Yes No 🗸 N/A	
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A	
d. Heat tape inspected per manufacturer's instructions?	Yes No N/A	
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	✓ Yes □ No □ N/A	
1. Defective intake screen on pump supplied fro	m open sources	
2. Obstructive material discharged during flow t	ests	
3. Foreign material in dry-pipe valves, check va	lves or pumps	
4. Foreign material in water during drain test or test connection	plugging of inspector's	
5. Plugging of pipe or sprinklers found during a	ctivation or work	
6. Record of broken mains in the vicinity		
7. Abnormally frequent false-tripping of dry-pip	be valves	
<ol> <li>Reluce to flush yard piping or surrounding mains following new installation or repairs</li> </ol>		
9. System is returned to service after an extende service (more than one year)	d period of time out of	
10. There is reason to believe the system contains sodium silicate or its derivatives or highly corrosive fluxes in copper pipe		
<ol> <li>Raw water was pumped into the fire departn</li> <li>Pinhole leaks</li> </ol>	nent connection	
f. If conditions were found that required flushing, was flushing of the system conducted?	Yes No 🗹 N/A	
g. Was a drain test conducted after opening any closed valves?	✓ Yes □ No □ N/A	
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No N/A	
2. Annual Maintenance Items (in addition to ]	previous items)	
a. Operating stem of all OS&Y valves lubricated, completely closed, and reopened?	✓ Yes □ No □ N/A	
b. Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up?	Yes No V/A	
Part III - Comments		
Any "No" answers, test failures or other problem sprinkler system must be explained using the con each question. Additional comments can be add	ns found with the mment specific for ed here.	
Please see the summary section at the top of the comments.	form for the	
Part IV - Inspector's Information		

Inspected By

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted in the Comments.

Signature of Inspector

Date

Shane Broderick

Contact:Tim WilliamsContact Address:921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Phone:208.242.8192Email:willlar2@isu.eduProperty Evaluated:Idaho State University- Campus<br/>(Educational)<br/>921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Description:Wet (#68 Speech Pathology)

Location Code: YQCPBBX

![](_page_38_Picture_2.jpeg)

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 9/12/2019 Frequency: Annual

#### **Attached Files**

E26B83E1-21D7-4EF6-8E1F-D86B417C51A2.jpeg2.6MBCE8880DF-E7FC-4D7E-A233-70BA107628FF.jpeg3.2MBAEBEC488-ECF3-41B4-85EC-8351A610BFB2.jpeg3.4MB

#### **Deficiency Summary**

Status: Open
Severity: Impairment
II.A.4.g
g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)?
(If "No", conduct internal inspection)
Has not been conducted

#### Status: Open

Severity: Impairment II.B.3.e e. Standard response sprinklers 50 years old or more replaced or successfully sample tested in last 10 years? Sprinklers appear to be over 50 years of age

# **General Comments**

There are no general comments for this submission

![](_page_39_Picture_0.jpeg)

This form covers the minimum requirements of **NFPA 25-2011** for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered *Yes, No, or Not Applicable.* All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select	Annual
Date of Work	9/12/2019
All responses refer to the current work (inspec maintenance) performed on this date.	ction, testing and
Owner:	
Tim Williams	
Owner's Phone Number:	
208.242.8192	
Owner's Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
Property Being Evaluated:	
Idaho State University- Campus (Educational	)
Property Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
System(s):	
Wet (#68 Speech Pathology)	
Part I - Owner's Section	
A. Is the building occupied?	Ves No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes □ No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
E. Was the system free of actuation of devices or alarms since the last inspection?	✓ Yes 🗆 No
Owner or Representative	Ian Pitcher
Signature	
Date	9/12/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow preventer isolation valves) supervised with seals passed inspection in accordance with	✓ Yes □ No □ N/A

II.A.2.a below?

discharging?

b. Relief port on RPZ not continuously

#### 2. Monthly Inspection Items (in addition to above items)

a. Control valves and valves on backflow prevente electrical supervision:	ers with locks or
1. In correct (open or closed) position?	✓ Yes No N/A
2. Lock or supervision in place?	✓ Yes No N/A
3. Accessible and free from external leaks?	✓ Yes No N/A
4. Provided with appropriate wrenches?	✓ Yes No N/A
5. Provided with appropriate identification?	✓ Yes No N/A
b Gauges on system in good condition and	
showing normal water supply pressure?	✓ Yes □ No □ N/A
c. Alarm valve free from physical damage.	
trim in correct (open or closed) position and	✓ Yes No N/A
no leakage from retarding chamber or drains?	
3. Quarterly Inspection Items (in addition to ab	ove items)
a. Fire department connections visible,	
accessible, couplings and swivels not	
damaged, gaskets in place and in good	
identification sign(s) in place, check value is	
not leaking clapper in place and operating	✓ Yes 🗌 No 🗌 N/A
properly and automatic drain valve in place	
and operating properly?	
(If plugs or caps are not in place, inspect	
interior for obstructions)	
b. Hydraulic nameplate (calculated systems)	Yes No V/A
securely attached to riser and legible?	
c. Alarm & supervisory devices not	✓ Yes □ No □ N/A
d Drassure reducing values in open position	
not leaking with downstream pressure per	
design criteria, and in good condition with	✓ Yes No N/A
handwheels not broken?	
4. Annual Inspection Items (in addition to abov	e items)
a. Proper number and type of spare	
sprinklers?	
b. Visible sprinklers:	
1. Proper position: upright, pendent,	✓ Yes No N/A
sidewall?	
2. Free of leaks, corrosion and damage?	✓ Yes □ No □ N/A
3. Proper clearance below sprinklers?	✓ Yes □ No □ N/A
4. Free of foreign materials including paint?	✓ Yes No N/A
5. Liquid in all glass bulb sprinklers?	✓ Yes No N/A
c. Visible pipe:	
1. In good condition/no external corrosion?	✓ Yes 🗌 No 🗌 N/A
2. No mechanical damage or leaks?	✓ Yes 🗌 No 🗌 N/A
3. No external loads?	✓ Yes □ No □ N/A
d. Visible pipe hangers and seismic braces	
not damaged or loose?	▼ res no n/A
e. Sprinkler wrench with spare sprinklers?	✓ Yes □ No □ N/A
f. Information sign is attached and legible?	✓ Yes 🗌 No 🗌 N/A
g. Internal inspection of the pipe performed	
in the last 5 years (remove a flushing	
connection and one sprinkler near the end of	Yes ✓ No N/A
a branch line)? (If "No" conduct internal inspection)	
	•

**5. Fifth Year Inspection Items (in addition to above items)** Not applicable

Yes No ✓ N/A

![](_page_40_Picture_0.jpeg)

Yes No ✓ N/A

#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow ✓ Yes No N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

2 Was flow abcomind?		
2. was now observed?	$\square$ I es $\square$ NO $\checkmark$ N/A	
3. Are results comparable to previous tests?	I Yes I No ✓ N/A	
2. Semiannual Tests (in addition to previous items)		
a. Valve supervisory switches indicate	Yes No ✓ N/A	

movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual		Comments
#1	102	82		
2. Was flow obser	rved?		✓	Yes No N/A
3. Are results con	nparable to previou	us tests?	✓	Yes No N/A
b. Post indicating or torsion felt in t turn?	valves opened un he rod then closed	til spring back ¼		Yes □ No ✔ N/A
c. Are all sprinkle	ers dated 1920 or l	ater?		Yes 🗌 No 🗹 N/A
d. Sprinklers with years old or more sample tested in L	a fast response eler replaced or succe ast 10 years?	nents 20 ssfully		Yes No 🗹 N/A
e. Standard response or more replaced tested in last 10 y	nse sprinklers 50 y or successfully sat ears?	vears old mple		Yes 🗹 No 🗌 N/A
f. Standard respon or more replaced tested in last 5 years	nse sprinklers 75 y or successfully sat ars?	ears old mple		Yes 🗌 No 🗹 N/A
g. Dry-type sprinl successfully samp	klers replaced or ble tested in last 10	) years?		Yes □ No ✔ N/A
h. Sprinklers subj replaced or succes 5 years?	ect to harsh enviro ssfully sample test	onments red in last		Yes □ No ✔ N/A
i. Antifreeze solut	tion specific gravit	ty:		
1. Correct at most	t remote point?			Yes 🗌 No 🗹 N/A
2. Correct at inter	face with wet syst	em?		Yes 🗌 No 🗹 N/A
3. Correct at other	r test points (over	150 gal)?		Yes 🗌 No 🗹 N/A
4. Correct type of	antifreeze?			Yes 🗌 No 🗹 N/A
j. All control valv range and returne	es operated throug d to normal position	gh full on?		Yes No 🗹 N/A
k. Backflow device test?	ces passed forward	l flow		Yes No 🗸 N/A
1. Pressure reducing flow?	ng valves passed p	partial		Yes No ✓ N/A

4. Tests for every fifth year (in addition to appropriate items) Not applicable

#### C. Maintenance

1. Regular Maintenance Items			
a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample replaced?	Yes No 🗹 N/A		
b. If sprinklers have been replaced, were they proper replacements?	Yes No N/A		
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A		
d. Heat tape inspected per manufacturer's instructions?	Yes No 🗹 N/A		
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	Yes No N/A		
1. Defective intake screen on pump supplied fro	m open sources		
3 Foreign material in dry-nine valves, check val	lves or numps		
<ol> <li>Foreign material in water during drain test or test connection</li> </ol>	plugging of inspector's		
5 Plugging of pipe or sprinklers found during a	ctivation or work		
6. Record of broken mains in the vicinity			
7 Abnormally frequent false-tripping of dry-pine valves			
<ol> <li>8. Failure to flush yard piping or surrounding mains following new installation or repairs</li> </ol>			
9. System is returned to service after an extended period of time out of service (more than one year)			
10. There is reason to believe the system contains sodium silicate or its derivatives or highly corrosive fluxes in copper pipe			
11. Raw water was pumped into the fire department connection			
12. Pinhole leaks			
f. If conditions were found that required flushing, was flushing of the system conducted?	Yes No N/A		
g. Was a drain test conducted after opening any closed valves?	✓ Yes □ No □ N/A		
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No N/A		
2. Annual Maintenance Items (in addition to ]	previous items)		
a. Operating stem of all OS&Y valves lubricated, completely closed, and reopened?	✓ Yes □ No □ N/A		
b. Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up?	Yes No 🗹 N/A		
Any "No" anguarg tagt failungs on other muchles	ns found with the		
Any two answers, lest juliures or other problems jound with the sprinkler system must be explained using the comment specific for			
each question. Additional comments can be added here.			
Please see the summary section at the top of the form for the			
comments.			

#### Part IV - Inspector's Information

Inspected By

Shane Broderick

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted in the Comments.

Signature of Inspector

Date

9/12/2019

![](_page_41_Picture_0.jpeg)

![](_page_41_Picture_2.jpeg)

![](_page_42_Picture_0.jpeg)

![](_page_42_Picture_2.jpeg)

![](_page_43_Picture_0.jpeg)

![](_page_43_Picture_2.jpeg)

![](_page_44_Picture_1.jpeg)

Contact:Tim WilliamsContact Address:921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Phone:208.242.8192Email:willlar2@isu.eduProperty Evaluated:Idaho State University- Campus<br/>(Educational)<br/>921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Description:Wet (#73 Armory Diesel)

Location Code: YQCPBBX

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 7/10/2019 Frequency: Annual

#### **Attached Files**

image.jpg 2.4MB image.jpg 2.8MB

#### **Deficiency Summary**

Status: Open

Severity: Impairment II.A.4.g g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)? (*If "No", conduct internal inspection*) Has not been conducted

#### Status: Open

Severity: Impairment II.B.3.k k. Backflow devices passed forward flow test? Failed

#### **General Comments**

There are no general comments for this submission

![](_page_45_Picture_0.jpeg)

This form covers the minimum requirements of **NFPA 25-2011** for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered *Yes, No, or Not Applicable.* All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	7/10/2019
All responses refer to the current work (inspection maintenance) performed on this date.	ction, testing and
Owner:	
Tim Williams	
Owner's Phone Number:	
208.242.8192	
Owner's Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
Property Being Evaluated:	
Idaho State University- Campus (Educational	)
Property Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
System(s):	
Wet (#73 Armory Diesel)	
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes 🗆 No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
E. Was the system free of actuation of devices or alarms since the last inspection?	✓ Yes □ No
Owner or Representative	Ian Pitcher
Signature	
Date	7/10/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow preventer isolation valves) supervised with seals passed inspection in accordance with	✓ Yes □ No □ N/A

II.A.2.a below?

discharging?

b. Relief port on RPZ not continuously

#### 2. Monthly Inspection Items (in addition to above items)

a. Control valves and valves on backflow prevente electrical supervision:	ers with locks or
1. In correct (open or closed) position?	✓ Yes □ No □ N/A
2. Lock or supervision in place?	✓ Yes □ No □ N/A
3. Accessible and free from external leaks?	✓ Yes No N/A
4. Provided with appropriate wrenches?	✓ Yes No N/A
5. Provided with appropriate identification?	✓ Yes No N/A
h Gauges on system in good condition and	
showing normal water supply pressure?	$\checkmark$ Yes $\square$ No $\square$ N/A
c. Alarm valve free from physical damage,	
trim in correct (open or closed) position and	✓ Yes 🗌 No 🗌 N/A
no leakage from retarding chamber or drains?	
3. Quarterly Inspection Items (in addition to ab	oove items)
a. Fire department connections visible,	
accessible, couplings and swivels not	
damaged, gaskets in place and in good	
identification sign(s) in place, check valve is	
not leaking, clapper in place and operating	$\checkmark$ Yes $\square$ No $\square$ N/A
properly and automatic drain valve in place	
and operating properly?	
(If plugs or caps are not in place, inspect	
Interior jor obstructions)	
securely attached to riser and legible?	Yes No ✔ N/A
c. Alarm & supervisory devices not	
damaged?	✓ Yes □ No □ N/A
d. Pressure reducing valves in open position.	
not leaking, with downstream pressure per	
design criteria, and in good condition with	
handwheels not broken?	•
4. Annual Inspection Items (in addition to abov	e items)
a. Proper number and type of spare	✓ Yes No N/A
sprinklers?	
b. Visible sprinklers:	
1. Proper position: upright, pendent,	✓ Yes No N/A
2 Error of looks, correction and domogo?	
2. Free of leaks, corrosion and damage?	
4. Error of foreign materials including point?	
4. Free of foreign materials including paint?	
5. Liquid in all glass build sprinklers?	$\checkmark$ res $\square$ No $\square$ N/A
c. Visible pipe:	
1. In good condition/no external corrosion?	✓ Yes No N/A
2. No mechanical damage or leaks?	✓ Yes No N/A
3. No external loads?	✓ Yes □ No □ N/A
d. Visible pipe hangers and seismic braces	✓ Yes No N/A
not damaged or loose?	
e. Sprinkler wrench with spare sprinklers?	✓ Yes No N/A
T. Information sign is attached and legible?	$\checkmark$ Yes $\square$ No $\square$ N/A
g. Internal inspection of the pipe performed	
connection and one sprinkler near the end of	Yes ✓ No N/A
a branch line)?	
(If "No", conduct internal inspection)	
	•4 >

**5. Fifth Year Inspection Items (in addition to above items)** Not applicable

Yes No ✓ N/A

![](_page_46_Picture_0.jpeg)

Yes No ✓ N/A

#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow ✓ Yes No N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

2 Was flow abcomind?		
2. was now observed?	$\square$ I es $\square$ NO $\checkmark$ N/A	
3. Are results comparable to previous tests?	I Yes I No ✓ N/A	
2. Semiannual Tests (in addition to previous items)		
a. Valve supervisory switches indicate	Yes No ✓ N/A	

movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual		Comments
#1	115	98		
2. Was flow obser	rved?		✓	Yes No N/A
3. Are results con	nparable to previou	us tests?	✓	Yes No N/A
b. Post indicating or torsion felt in t turn?	valves opened un he rod then closed	til spring back ¼		Yes □ No ✔ N/A
c. Are all sprinkle	ers dated 1920 or la	ater?	✓	Yes No N/A
d. Sprinklers with years old or more sample tested in L	a fast response eler replaced or succe ast 10 years?	nents 20 ssfully	✓	Yes No N/A
e. Standard respon or more replaced tested in last 10 y	nse sprinklers 50 y or successfully sar ears?	vears old mple		Yes □ No ✔ N/A
f. Standard respon or more replaced tested in last 5 years	nse sprinklers 75 y or successfully sat ars?	ears old mple		Yes 🗌 No 🗹 N/A
g. Dry-type sprinl successfully samp	klers replaced or ble tested in last 10	) years?		Yes □ No ✔ N/A
h. Sprinklers subj replaced or succes 5 years?	ect to harsh enviro ssfully sample test	onments red in last		Yes □ No ✔ N/A
i. Antifreeze solut	tion specific gravit	ty:		
1. Correct at most	t remote point?			Yes 🗌 No 🗹 N/A
2. Correct at inter	face with wet syst	em?		Yes No ✓ N/A
3. Correct at other	r test points (over	150 gal)?		Yes No ✓ N/A
4. Correct type of	antifreeze?			Yes ─ No ✔ N/A
j. All control valv range and returne	es operated throug d to normal position	gh full on?	✓	Yes No N/A
k. Backflow device test?	ces passed forward	l flow		Yes 🗹 No 🗌 N/A
1. Pressure reducing flow?	ng valves passed p	partial		Yes □ No ✔ N/A

4. Tests for every fifth year (in addition to appropriate items) Not applicable

#### C. Maintenance

1. Regular Maintenance Items			
a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample replaced?	Yes No N/A		
b. If sprinklers have been replaced, were they proper replacements?	Yes No V/A		
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A		
d. Heat tape inspected per manufacturer's instructions?	Yes No N/A		
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	✓ Yes No N/A		
1. Defective intake screen on pump supplied from	n open sources		
2. Obstructive material discharged during flow to	ests		
3. Foreign material in dry-pipe valves, check val	ves or pumps		
4. Foreign material in water during drain test or p test connection	plugging of inspector's		
5. Plugging of pipe or sprinklers found during ac	tivation or work		
6. Record of broken mains in the vicinity			
7. Abnormally frequent false-tripping of dry-pipe valves			
8. Failure to flush yard piping or surrounding mains following new installation or repairs			
9. System is returned to service after an extended period of time out of service (more than one year)			
10. There is reason to believe the system contains sodium silicate or its derivatives or highly corrosive fluxes in copper pipe			
11. Raw water was pumped into the fire department connection			
12. Pinhole leaks			
f. If conditions were found that required flushing, was flushing of the system conducted?	Yes No N/A		
g. Was a drain test conducted after opening any closed valves?	Yes No N/A		
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No V/A		
2. Annual Maintenance Items (in addition to p	orevious items)		
a. Operating stem of all OS&Y valves lubricated, completely closed, and reopened?	Yes No N/A		
b. Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up?	Yes No 🗹 N/A		
Any "No" answers test failures or other problem	s found with the		
sprinkler system must be explained using the comment specific for each question. Additional comments can be added here.			
Please see the summary section at the top of the form for the comments.			

#### Part IV - Inspector's Information

Inspected By

Shane Broderick

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted in the Comments.

Signature of Inspector

Date

7/10/2019

![](_page_47_Picture_0.jpeg)

![](_page_47_Picture_2.jpeg)

![](_page_48_Picture_0.jpeg)

![](_page_48_Picture_2.jpeg)

Contact:Tim WilliamsContact Address:921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Phone:208.242.8192Email:willlar2@isu.eduProperty Evaluatee:Idaho State University- Campus<br/>(Educational)<br/>921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Description:Wet (#77 Law Enforcement)

Location Code: YQCPBBX

![](_page_49_Picture_2.jpeg)

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 1/9/2020 Frequency: Annual

# **Attached Files**

4F841B50-6877-444A-9C34-29E331079616.jpeg3.0MBEC86A037-71C9-474B-899D-746022540CBD.jpeg3.4MBC4F89952-26B0-4D45-8AEF-DC9AB82B6041.jpeg3.2MB7AAE13F8-230B-42F4-A870-4A45CECE1FC7.jpeg3.7MB

#### **Deficiency Summary**

Status: Open

Severity: Impairment II.A.4.g g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)? (*If "No", conduct internal inspection*) Has not been conducted

Status: Open

Severity: Impairment II.B.1.a a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow observed)? Outside bell does not work

#### **General Comments**

Missing trim plates

![](_page_50_Picture_0.jpeg)

This form covers the minimum requirements of **NFPA 25-2011** for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered *Yes, No, or Not Applicable.* All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	1/9/2020
All responses refer to the current work (inspec maintenance) performed on this date. Owner:	ction, testing and
Tim Williams	
Owner's Phone Number: 208.242.8192	
Owner's Address: 921 S 8TH AVENUE, POCATELLO, ID, 832	209-0002
Property Being Evaluated: Idaho State University- Campus (Educational Property Address: 921 S 8TH AVENUE, POCATELLO, ID, 833	)
System(s): Wet (#77 Law Enforcement)	207 0002
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes □ No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	Yes No
E. Was the system free of actuation of devices or alarms since the last inspection?	✓ Yes 🗌 No
Owner or Representative	Ian Pitcher
Signature	
Date	1/9/2020
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow	

#### seals passed inspection in accordance with II.A.2.a below? b. Relief port on RPZ not continuously discharging?

preventer isolation valves) supervised with

#### 2. Monthly Inspection Items (in addition to above items)

a. Control valves and valves on backflow prevente electrical supervision:	ers with locks or
1. In correct (open or closed) position?	✓ Yes 🗌 No 🗌 N/A
2. Lock or supervision in place?	✓ Yes □ No □ N/A
3. Accessible and free from external leaks?	✓ Yes No N/A
4. Provided with appropriate wrenches?	✓ Yes No N/A
5. Provided with appropriate identification?	✓ Yes No N/A
b. Gauges on system in good condition and	
showing normal water supply pressure?	✓ Yes No N/A
<ul> <li>c. Alarm valve free from physical damage, trim in correct (open or closed) position and no leakage from retarding chamber or drains?</li> <li>3. Quarterly Inspection Items (in addition to ab</li> </ul>	✓ Yes □ No □ N/A
a. Fire department connections visible,	
accessible, couplings and swivels not	
damaged, gaskets in place and in good	
condition, plugs and caps are okay,	
not leaking clapper in place and operating	✓ Yes □ No □ N/A
properly and automatic drain valve in place	
and operating properly?	
(If plugs or caps are not in place, inspect	
interior for obstructions)	
securely attached to riser and legible?	✓ Yes No N/A
c. Alarm & supervisory devices not	✓ Yes □ No □ N/A
damaged?	
a. Pressure reducing valves in open position, not leaking, with downstream pressure per design criteria, and in good condition with handwheels not broken?	✓ Yes □ No □ N/A
4. Annual Inspection Items (in addition to abov	e items)
a. Proper number and type of spare	
sprinklers?	Yes No N/A
b. Visible sprinklers:	
1. Proper position: upright, pendent, sidewall?	✓ Yes □ No □ N/A
2. Free of leaks, corrosion and damage?	✓ Yes □ No □ N/A
3. Proper clearance below sprinklers?	✓ Yes □ No □ N/A
4. Free of foreign materials including paint?	✓ Yes 🗌 No 🗌 N/A
5. Liquid in all glass bulb sprinklers?	✓ Yes □ No □ N/A
c. Visible pipe:	
1. In good condition/no external corrosion?	✓ Yes No N/A
2. No mechanical damage or leaks?	✓ Yes □ No □ N/A
3. No external loads?	✓ Yes □ No □ N/A
d. Visible pipe hangers and seismic braces not damaged or loose?	✓ Yes □ No □ N/A
e. Sprinkler wrench with spare sprinklers?	✓ Yes □ No □ N/A
f. Information sign is attached and legible?	✓ Yes □ No □ N/A
g. Internal inspection of the pipe performed	
in the last 5 years (remove a flushing	
in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)?	Yes No N/A

**5. Fifth Year Inspection Items (in addition to above items)** Not applicable

✓ Yes No N/A

Yes No ✓ N/A

![](_page_51_Picture_0.jpeg)

Yes No ✓ N/A

#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow Yes ✓ No N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

2. Was flow observed?	Yes No 🗸 N/A	
3. Are results comparable to previous tests?	Yes No N/A	
2. Semiannual Tests (in addition to previous items)		
a. Valve supervisory switches indicate	Yes No N/A	

movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual		Comments
Wet	115	105		
2. Was flow obser	rved?		$\checkmark$	Yes No N/A
3. Are results con	nparable to previou	us tests?	$\checkmark$	Yes No N/A
b. Post indicating or torsion felt in t turn?	valves opened un he rod then closed	til spring back ¼		Yes 🗌 No 🗹 N/A
c. Are all sprinkle	ers dated 1920 or l	ater?	$\checkmark$	Yes No N/A
d. Sprinklers with fast response elements 20 years old or more replaced or successfully sample tested in last 10 years?				Yes No 🗹 N/A
e. Standard response or more replaced tested in last 10 y	nse sprinklers 50 y or successfully sar ears?	vears old		Yes 🗌 No 🗹 N/A
f. Standard respon or more replaced tested in last 5 years	nse sprinklers 75 y or successfully sat ars?	ears old mple		Yes 🗌 No 🗹 N/A
g. Dry-type sprinl successfully samp	klers replaced or ble tested in last 10	) years?		Yes □ No ☑ N/A
h. Sprinklers subj replaced or succes 5 years?	ect to harsh enviro ssfully sample test	onments red in last		Yes 🗌 No 🗹 N/A
i. Antifreeze solut	tion specific gravit	ty:		
1. Correct at most	t remote point?			Yes 🗌 No 🗹 N/A
2. Correct at inter	face with wet syst	em?		Yes 🗌 No 🗹 N/A
3. Correct at other	r test points (over	150 gal)?		Yes 🗌 No 🗹 N/A
4. Correct type of	antifreeze?			Yes 🗌 No 🗹 N/A
j. All control valv range and returne	es operated throug d to normal position	gh full on?	✓	Yes No N/A
k. Backflow device test?	ces passed forward	l flow		Yes □ No ✔ N/A
1. Pressure reducing flow?	ng valves passed p	partial		Yes □ No ☑ N/A

4. Tests for every fifth year (in addition to appropriate items) Not applicable

# C. Maintenance

1. Regular Maintenance Items		
a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample replaced?	Yes No 🗹 N/A	
b. If sprinklers have been replaced, were they proper replacements?	Yes No 🗹 N/A	
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A	
d. Heat tape inspected per manufacturer's instructions?	Yes No 🗹 N/A	
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	✓ Yes No N/A	
1. Defective intake screen on pump supplied from	n open sources	
2. Obstructive material discharged during flow to	ests	
3. Foreign material in dry-pipe valves, check val	ves or pumps	
4. Foreign material in water during drain test or j test connection	plugging of inspector's	
5. Plugging of pipe or sprinklers found during ac	tivation or work	
6. Record of broken mains in the vicinity		
7. Abnormally frequent false-tripping of dry-pip	e valves	
8. Failure to flush yard piping or surrounding mains following new installation or repairs		
9. System is returned to service after an extended period of time out of		
10. There is reason to believe the system contains sodium silicate or its		
11 Raw water was pumped into the fire departm	ent connection	
12. Pinhole leaks	ent connection	
f. If conditions were found that required flushing, was flushing of the system conducted?	Yes No N/A	
g. Was a drain test conducted after opening any closed valves?	Yes No N/A	
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No V/A	
2. Annual Maintenance Items (in addition to p	orevious items)	
a. Operating stem of all OS&Y valves lubricated, completely closed, and reopened?	Yes No 🗸 N/A	
b. Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up? <b>Part III - Comments</b>	Yes No 🗹 N/A	
Any "No" answers, test failures or other problems found with the sprinkler system must be explained using the comment specific for		
each question. Additional comments can be added here.		
comments.		
Part IV - Inspector's Information		

Inspected By Shane Broderick I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted in the Comments.

Signature of Inspector

Date

![](_page_52_Picture_0.jpeg)

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![](_page_56_Picture_1.jpeg)

Contact:Tim WilliamsContact Address:921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Phone:208.242.8192Email:willlar2@isu.eduProperty Evaluated:Idaho State University- Campus<br/>(Educational)<br/>921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Description:Wet (#79 Engineering)

Location Code: YQCPBBX

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 7/10/2019 Frequency: Annual

# **Attached Files**

image.jpg 3.3MB image.jpg 2.7MB

#### **Deficiency Summary**

Status: Open

Severity: Impairment II.A.4.g g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)? (*If "No", conduct internal inspection*) Has not been conducted

#### **General Comments**

There are no general comments for this submission

![](_page_57_Picture_0.jpeg)

This form covers the minimum requirements of NFPA 25-2011 for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered Yes, No, or Not Applicable. All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	7/10/2019
All responses refer to the current work (inspe maintenance) performed on this date.	ction, testing and
Owner:	
Tim Williams	
Owner's Phone Number:	
208.242.8192	
Owner's Address:	
921 S 8TH AVENUE, POCATELLO, ID, 83	209-0002
Property Being Evaluated:	
Idaho State University- Campus (Educational	)
Property Address:	
921 S 8TH AVENUE, POCATELLO, ID, 83	209-0002
System(s):	
Wet (#79 Engineering)	
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes □ No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
E. Was the system free of actuation of devices or alarms since the last inspection?	✓ Yes □ No
Owner or Representative	Ian Pitcher
Signature	J-4-
Date	7/10/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	
a. Control valves (including backflow preventer isolation valves) supervised with	

seals passed inspection in accordance with II.A.2.a below? b. Relief port on RPZ not continuously discharging?

#### 2. Monthly Inspection Items (in addition to above items)

	,
a. Control valves and valves on backflow prevent electrical supervision:	ters with locks or
1 In correct (open or closed) position?	✓ Yes No N/A
<ol> <li>I contect (open of closed) position:</li> <li>2 Lock or supervision in place?</li> </ol>	$\checkmark$ Yes No N/A
3 Accessible and free from external leaks?	Ves No N/A
A Provided with appropriate wrenches?	$\checkmark$ Ves No N/A
5. Provided with appropriate identification?	$\checkmark$ Ves No N/A
b. Gauges on system in good condition and	
showing normal water supply pressure?	✓ Yes □ No □ N/A
c. Alarm valve free from physical damage, trim in correct (open or closed) position and	✓ Yes 🗌 No 🗌 N/A
no leakage from retarding chamber or drains?	
3. Quarterly Inspection Items (in addition to a	bove items)
a. Fire department connections visible, accessible, couplings and swivels not damaged, gaskets in place and in good condition, plugs and caps are okay, identification sign(s) in place, check valve is not leaking, clapper in place and operating properly and automatic drain valve in place	✓ Yes □ No □ N/A
and operating properly? (If plugs or caps are not in place, inspect interior for obstructions)	
b. Hydraulic nameplate (calculated systems) securely attached to riser and legible?	Yes No ✔ N/A
c. Alarm & supervisory devices not damaged?	✓ Yes □ No □ N/A
d. Pressure reducing valves in open position, not leaking, with downstream pressure per design criteria, and in good condition with handwheels not broken?	✓ Yes □ No □ N/A
4. Annual Inspection Items (in addition to above	ve items)
a. Proper number and type of spare sprinklers?	✓ Yes No N/A
b. Visible sprinklers:	
1. Proper position: upright, pendent, sidewall?	✓ Yes 🗌 No 🗌 N/A
2. Free of leaks, corrosion and damage?	✓ Yes No N/A
3 Proper clearance below sprinklers?	✓ Yes No N/A
4 Free of foreign materials including paint?	✓ Yes No N/A
5 Liquid in all glass hulb sprinklers?	$\checkmark$ Yes No N/A
c. Visible nine:	
1. In good condition/no external correction?	
2. No machanical domage or looks?	
2. No mechanical damage of leaks?	V Yes No N/A
3. No external loads?	$\checkmark$ Yes $\square$ No $\square$ N/A
d. Visible pipe hangers and seismic braces not damaged or loose?	✓ Yes No N/A
e. Sprinkler wrench with spare sprinklers?	✓ Yes No N/A
t. Information sign is attached and legible?	✓ Yes □ No □ N/A
g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinklar page the and of	
a branch line)? ( <i>If "No", conduct internal inspection</i> )	1 CS • NU N/A

5. Fifth Year Inspection Items (in addition to above items) Not applicable

✓ Yes No N/A

Yes No V/A

![](_page_58_Picture_0.jpeg)

Yes No ✓ N/A

#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow ✓ Yes No N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

2 Was flow abcomind?		
2. was now observed?	$\square$ I es $\square$ NO $\checkmark$ N/A	
3. Are results comparable to previous tests?	I Yes I No ✓ N/A	
2. Semiannual Tests (in addition to previous items)		
a. Valve supervisory switches indicate	Yes No ✓ N/A	

movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual	Comments
#1	115	102	
2. Was flow obser	rved?		Yes No N/A
3. Are results con	parable to previo	us tests?	Yes No N/A
b. Post indicating or torsion felt in t turn?	valves opened un he rod then closed	til spring back ¼	Yes No 🗹 N/A
c. Are all sprinkle	ers dated 1920 or l	ater?	Yes No ✔ N/A
d. Sprinklers with fast response elements 20 years old or more replaced or successfully sample tested in last 10 years?			Yes No N/A
e. Standard respon or more replaced tested in last 10 y	nse sprinklers 50 y or successfully sat ears?	vears old mple	Yes No 🗹 N/A
f. Standard respon or more replaced tested in last 5 years	use sprinklers 75 y or successfully sat ars?	rears old mple	Yes No 🗸 N/A
g. Dry-type sprinl successfully samp	klers replaced or ble tested in last 10	) years?	Yes No 🗹 N/A
h. Sprinklers subj replaced or succes 5 years?	ect to harsh enviro ssfully sample test	onments red in last	Yes No 🗹 N/A
i. Antifreeze solut	tion specific gravi	ty:	
1. Correct at most	t remote point?		Yes No N/A
2. Correct at inter	face with wet syst	em?	Yes No ✓ N/A
3. Correct at other	r test points (over	150 gal)?	Yes No ✓ N/A
4. Correct type of	antifreeze?	•	Yes No N/A
j. All control valv range and returne	es operated throug d to normal position	gh full on?	Yes No N/A
k. Backflow device test?	ces passed forward	l flow	Yes No N/A
1. Pressure reducing flow?	ng valves passed p	partial	Yes No N/A

4. Tests for every fifth year (in addition to appropriate items) Not applicable

#### C. Maintenance

#### 1. Regular Maintenance Items

a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, were all sprinklers represented by that sample replaced?	Yes No 🗹 N/A	
b. If sprinklers have been replaced, were they proper replacements?	Yes No 🗸 N/A	
c. Marine systems normally having fresh water were drained and refilled twice if raw water got into the system?	Yes No N/A	
d. Heat tape inspected per manufacturer's instructions?	Yes No N/A	
e. If any of the following were discovered, was an obstruction investigation conducted? <i>Explain reason(s) and obstruction</i> <i>investigation findings in the Comments</i>	✓ Yes □ No □ N/A	
1. Defective intake screen on pump supplied from	open sources	
2. Obstructive material discharged during flow tes	sts	
3. Foreign material in dry-pipe valves, check valv	es or pumps	
4. Foreign material in water during drain test or platest connection	lugging of inspector's	
<ol> <li>Plugging of pipe or sprinklers found during act.</li> <li>Record of broken mains in the vicinity</li> </ol>	ivation or work	
7. Abnormally frequent false-tripping of dry-pipe	valves	
8. Failure to flush yard piping or surrounding mainstallation or repairs	ns following new	
<ul><li>9. System is returned to service after an extended period of time out of service (more than one year)</li></ul>		
10. There is reason to believe the system contains sodium silicate or its derivatives or highly corrosive fluxes in copper pipe		
11. Raw water was pumped into the fire departme	nt connection	
12. Filliole leaks		
flushing, was flushing of the system conducted?	Yes No N/A	
g. Was a drain test conducted after opening any closed valves?	✓ Yes □ No □ N/A	
h. Adjusted, repaired, reconditioned or replaced components had the associated tests and/or inspections performed?	Yes No 🗸 N/A	
2. Annual Maintenance Items (in addition to pr	evious items)	
a. Operating stem of all OS&Y valves lubricated, completely closed, and reopened?	Yes No N/A	
b. Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bulb- type which show no signs of grease build up? <b>Part III - Comments</b>	Yes No 🗹 N/A	
Any "No" answers, test failures or other problems	found with the	
sprinkler system must be explained using the comment specific for each question. Additional comments can be added here.		
Please see the summary section at the top of the for comments.	orm for the	
Part IV - Inspector's Information		
Inspected By	Shane Broderick	
of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted		
in the <i>Comments</i> .		
Signature of Inspector	KL-12-	

Date

7/10/2019

![](_page_59_Picture_0.jpeg)

![](_page_59_Picture_2.jpeg)

![](_page_60_Picture_0.jpeg)

![](_page_60_Picture_2.jpeg)

![](_page_61_Picture_1.jpeg)

Contact:Tim WilliamsContact Address:921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Phone:208.242.8192Email:willlar2@isu.eduProperty Evaluated:Idaho State University- Campus<br/>(Educational)921 S 8TH AVENUE<br/>POCATELLO, ID 83209-0002Description:Wet (#83 Family Medicine)

Location Code: YQCPBBX

Company: Rock Creek Fire Protection Address: P.O. Box 637 American Falls, ID 83211 Company Phone: 208-479-2798 Inspector: Shane Broderick BAT-17734, Expires: 1/24/2019 Date of Work: 10/9/2019 Frequency: Annual

#### **Attached Files**

image.jpg 2.6MB image.jpg 2.8MB image.jpg 2.8MB

#### **Deficiency Summary**

# Status: Open Severity: Impairment II.A.2.b b. Gauges on system in good condition and showing normal water supply pressure? Need to be replaced

#### Status: Open

Severity: Impairment II.A.3.c c. Alarm & supervisory devices not damaged? Out side alarm works with water motor gong but the pressure switch does not work needs to be replaced

#### Status: Open

Severity: Impairment II.A.4.g g. Internal inspection of the pipe performed in the last 5 years (remove a flushing connection and one sprinkler near the end of a branch line)? (*If "No", conduct internal inspection*) Has not been conducted

#### Status: Open

**Severity:** Impairment II.B.3.a.2 a. Main drain test for systems not tested quarterly:

#### Status: Open

Severity: Impairment II.B.3.e e. Standard response sprinklers 50 years old or more replaced or successfully sample tested in last 10 years? Appear to be over 50 years of age

# **General Comments**

There are no general comments for this submission

![](_page_63_Picture_0.jpeg)

This form covers the minimum requirements of **NFPA 25-2011** for wet pipe fire sprinkler systems connected to water supplies without tanks or fire pumps. Separate forms are available for fire pumps, tanks, hose connections, and other fire protection systems. More frequent inspection, testing, and maintenance may be necessary depending on the conditions of the occupancy and the water supply. Notes:

- 1. All questions are to be answered *Yes, No, or Not Applicable.* All "No" answers are to be explained in the *Comments* for this form.
- 2. Inspection, Testing and Maintenance are to be performed with water supplies (including fire pumps) in service, unless the impairment procedures of Chapter 15 of NFPA 25 are followed.

The work covered on this form is (select one):	Annual
Date of Work	10/9/2019
All responses refer to the current work (inspec maintenance) performed on this date.	tion, testing and
Owner:	
Tim Williams	
Owner's Phone Number:	
208.242.8192	
Owner's Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	09-0002
Property Being Evaluated:	
Idaho State University- Campus (Educational)	
Property Address:	
921 S 8TH AVENUE, POCATELLO, ID, 832	09-0002
System(s):	
Wet (#83 Family Medicine)	
Part I - Owner's Section	
A. Is the building occupied?	✓ Yes 🗌 No
B. Has the occupancy and hazard of contents remained the same since the last inspection?	✓ Yes □ No
C. Are all fire protection systems in service?	✓ Yes 🗌 No
D. Has the system remained in service without modification since the last inspection?	✓ Yes □ No
E. Was the system free of actuation of devices or alarms since the last inspection?	Ves No
Owner or Representative	Ian Pitcher
Signature	
Date	10/9/2019
Part II - Inspector's Section A. Inspections 1. Weekly Items	10//201/

a. Control valves (including backflow preventer isolation valves) supervised with seals passed inspection in accordance with II.A.2.a below?	✓ Yes No N/A
b. Relief port on RPZ not continuously discharging?	Yes No 🗸 N/A

#### 2. Monthly Inspection Items (in addition to above items)

a. Control valves and valves on backflow prevente electrical supervision:	ers with locks or
1. In correct (open or closed) position?	✓ Yes No N/A
2. Lock or supervision in place?	✓ Yes 🗌 No 🗌 N/A
3. Accessible and free from external leaks?	✓ Yes 🗌 No 🗌 N/A
4. Provided with appropriate wrenches?	✓ Yes No N/A
5. Provided with appropriate identification?	✓ Yes No N/A
h Gauges on system in good condition and	
showing normal water supply pressure?	_ Yes ✓ No _ N/A
c. Alarm valve free from physical damage.	
trim in correct (open or closed) position and	✓ Yes 🗌 No 🗌 N/A
no leakage from retarding chamber or drains?	
3. Quarterly Inspection Items (in addition to al	oove items)
a. Fire department connections visible,	
accessible, couplings and swivels not	
damaged, gaskets in place and in good	
identification sign(s) in place check value is	<b></b>
not leaking, clapper in place and operating	✓ Yes No N/A
properly and automatic drain valve in place	
and operating properly?	
(If plugs or caps are not in place, inspect	
interior for obstructions)	
b. Hydraulic nameplate (calculated systems)	Yes No 🗸 N/A
a Alarma & supervisery devices not	
damaged?	□ Yes 🗹 No □ N/A
d Pressure reducing valves in open position	
not leaking, with downstream pressure per	
design criteria, and in good condition with	$\checkmark$ Yes $\square$ No $\square$ N/A
handwheels not broken?	
4. Annual Inspection Items (in addition to abov	ve items)
a. Proper number and type of spare	Ves No N/A
sprinklers?	. 105
b. Visible sprinklers:	
1. Proper position: upright, pendent,	✓ Yes No N/A
sidewall?	
2. Free of leaks, corrosion and damage?	✓ Yes No N/A
3. Proper clearance below sprinklers?	✓ Yes No N/A
4. Free of foreign materials including paint?	✓ Yes No N/A
5. Liquid in all glass bulb sprinklers?	✓ Yes □ No □ N/A
c. Visible pipe:	
1. In good condition/no external corrosion?	✓ Yes 🗌 No 🗌 N/A
2. No mechanical damage or leaks?	✓ Yes 🗌 No 🗌 N/A
3. No external loads?	Yes No N/A
d. Visible pipe hangers and seismic braces	
not damaged or loose?	
e. Sprinkler wrench with spare sprinklers?	✓ Yes 🗌 No 🗌 N/A
f. Information sign is attached and legible?	Yes No N/A
g. Internal inspection of the pipe performed	
in the last 5 years (remove a flushing	
connection and one sprinkler near the end of	⊥ Yes ✓ No ⊥ N/A
a branch line)? (If "No" conduct internal inspection)	
(i) ivo, conduct internal inspection)	• • ·

**5. Fifth Year Inspection Items (in addition to above items)** Not applicable

![](_page_64_Picture_0.jpeg)

Yes No ✓ N/A

#### B. Testing - Report any failures in the Comments for this form 1. Quarterly Tests

a. Mechanical waterflow alarm devices passed tests (alarms actuated and flow ✓ Yes No N/A observed)?

b. Main drain test for system downstream of backflow device or pressure reducing valve:

1. Record static pressure (psi) and residual pressure(psi):

<b>A TT T T T T</b>		
2. Was flow observed?	⊥ Yes ⊥ No ⊻ N/A	
3. Are results comparable to previous tests?	Yes No ✓ N/A	
2. Semiannual Tests (in addition to previous items)		
a. Valve supervisory switches indicate	Yes No ✓ N/A	

movement?

b. Electrical waterflow alarm devices passed tests (alarms actuated and flow observed)?

3. Annual Tests (in addition to previous items)

a. Main drain test for systems not tested quarterly:

1. Record static pressure (psi) and residual pressure(psi):

System	Static	Residual		Comments
#1	110	0		
2. Was flow observed?				Yes 🖌 No 🗌 N/A
3. Are results comparable to previous tests?			$\checkmark$	Yes No N/A
b. Post indicating valves opened until spring or torsion felt in the rod then closed back <sup>1</sup> / <sub>4</sub> turn?				Yes 🗌 No 🗹 N/A
c. Are all sprinklers dated 1920 or later?			$\checkmark$	Yes No N/A
d. Sprinklers with fast response elements 20 years old or more replaced or successfully sample tested in last 10 years?				Yes No 🗹 N/A
e. Standard response sprinklers 50 years old or more replaced or successfully sample tested in last 10 years?				Yes 🗹 No 🗌 N/A
f. Standard response sprinklers 75 years old or more replaced or successfully sample tested in last 5 years?				Yes 🗌 No 🗹 N/A
g. Dry-type sprinklers replaced or successfully sample tested in last 10 years?				Yes □ No ✔ N/A
h. Sprinklers subject to harsh environments replaced or successfully sample tested in last 5 years?				Yes 🗌 No 🗹 N/A
i. Antifreeze solution specific gravity:				
1. Correct at most remote point?				Yes 🗌 No 🗹 N/A
2. Correct at interface with wet system?				Yes 🗌 No 🗹 N/A
3. Correct at other test points (over 150 gal)?				Yes 🗌 No 🗹 N/A
4. Correct type of antifreeze?				Yes 🗌 No 🗹 N/A
j. All control valves operated through full range and returned to normal position?			✓	Yes No N/A
k. Backflow devices passed forward flow test?				Yes No 🗸 N/A
1. Pressure reducing valves passed partial flow?				Yes No ✓ N/A

4. Tests for every fifth year (in addition to appropriate items) Not applicable

# C. Maintenance

#### 1. Regular Maintenance Items a. If any sprinkler failed the sampling testing of Parts II.B.3.d, e, f, g or h of this form, □ Yes □ No ☑ N/A were all sprinklers represented by that sample replaced? b. If sprinklers have been replaced, were they Yes No ✓ N/A proper replacements? c. Marine systems normally having fresh water were drained and refilled twice if raw Yes No N/A water got into the system? d. Heat tape inspected per manufacturer's Yes No ✓ N/A instructions? e. If any of the following were discovered, was an obstruction investigation conducted? ✓ Yes No N/A Explain reason(s) and obstruction investigation findings in the Comments 1. Defective intake screen on pump supplied from open sources 2. Obstructive material discharged during flow tests 3. Foreign material in dry-pipe valves, check valves or pumps 4. Foreign material in water during drain test or plugging of inspector's test connection 5. Plugging of pipe or sprinklers found during activation or work 6. Record of broken mains in the vicinity 7. Abnormally frequent false-tripping of dry-pipe valves 8. Failure to flush yard piping or surrounding mains following new installation or repairs 9. System is returned to service after an extended period of time out of service (more than one year) 10. There is reason to believe the system contains sodium silicate or its derivatives or highly corrosive fluxes in copper pipe 11. Raw water was pumped into the fire department connection 12. Pinhole leaks f. If conditions were found that required flushing, was flushing of the system □ Yes □ No ✓ N/A conducted? g. Was a drain test conducted after opening Yes No ✓ N/A any closed valves? h. Adjusted, repaired, reconditioned or replaced components had the associated tests Yes No ✓ N/A and/or inspections performed? 2. Annual Maintenance Items (in addition to previous items) a. Operating stem of all OS&Y valves □ Yes □ No ✓ N/A lubricated, completely closed, and reopened? b. Sprinklers and spray nozzles protecting commercial cooking equipment and □ Yes □ No ✔ N/A ventilating systems replaced except for bulbtype which show no signs of grease build up? Part III - Comments Any "No" answers, test failures or other problems found with the sprinkler system must be explained using the comment specific for each question. Additional comments can be added here. Please see the summary section at the top of the form for the comments. Part IV - Inspector's Information Inspected By Shane Broderick

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted in the Comments. Signature of Inspector

Date

10/9/2019

![](_page_65_Picture_0.jpeg)

![](_page_65_Picture_2.jpeg)

![](_page_66_Picture_0.jpeg)

![](_page_66_Picture_2.jpeg)

![](_page_67_Picture_0.jpeg)

![](_page_67_Picture_2.jpeg)